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MICHELL'S BULBS

62.73

AUTUMN 1920

31ST
YEAR

HYACINTH
Grand Maître
(1st Size)

RECEIVED
JAN 12 1921
U. S. Department of Agriculture

NARCISSUS
Bi-Color
Victoria

DARWIN
TULIP
Clara Butt

CROCUS
Michell's Giant
Fl'g. Mixture

MICHELL'S BULB SPECIALTIES

Darwin Tulip—Clara Butt
Narcissus—Bi-Color Victoria
(Mammoth)
Hyacinth—Grand Maître (1st Size)
Crocus—Michell's Giant Fl'g.
Mixture

Prices on
these bulbs will be
found in the body
of catalog

HENRY F. MICHELL CO.
516-518 Market St., Philadelphia

BUSINESS TERMS

When sending your first charge order, if possible, send us the name and address of someone with whom you already have a charge account. This saves time.

NOTICE TO CUSTOMERS OUTSIDE OF THE UNITED STATES

In remitting for purchases at the time of ordering or when paying accounts, by reason of the exchange, we ask that you please send P. O. Money Order in U. S. funds or a check or draft on a New York or Phila. Bank in par U. S. funds.

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Goods can be sent C. O. D. (with the exception of perishable items, which include plants and cold-storage bulbs; these cannot be sent C. O. D.) No C. O. D. shipments for any kind of goods can be made by express or freight out of town unless a partial remittance accompanies the order. No C. O. D. orders where the amount is less than 50c., except in the following zone in Philadelphia: Market Street Ferry, to Sixteenth Street, Pine Street, to Vine Street C. O. D. orders outside of this zone in our delivery limits must amount to \$1.00 or more. During April no orders C. O. D. in their entirety can be accepted.

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Always state by what method you want goods forwarded, otherwise we will ship according to our best judgment.

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No charge is made for boxes, packing or bags, except for two-bushel seamless sacks, which are returnable for credit at the market price as charged.

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We pay postage charges on all orders for vegetable and flower seeds, provided the order calls for packets, ounces, quarter-pounds and pounds (beans, corn, peas and mixed grass seeds, bulbs, plants and sundries are not included). If these are wanted by mail, remit for postage according to rate of postage from Philadelphia to your post office.

Parcels Post weight limits are 70 lbs. in 1st, 2d and 3d zone; in all other zones 50 lbs.



HENRY F. MICHELL CO.

HENRY F. MICHELL, PRES.

FRED'K. J. MICHELL, VICE PRES.

SALESROOMS, OFFICES } 516-518 MARKET ST., PHILADELPHIA
ORDER DEPARTMENTS }

Warehouses: 509-511-513 Ludlow Street, Philadelphia, Pa.

Garage 2114-16 Locust Street

Nurseries and Greenhouses, Andalusia, Pa.

Please address all communications and orders to
516-518 MARKET STREET, PHILA.



BELL AND KEYSTONE
TELEPHONE CONNECTION

IMPORTANT NOTICE—PLEASE READ

Henry F. Michell Company give no warranty, expressed or implied, as to the description, purity or productiveness of any seeds, plants and bulbs they send out, and they cannot be in any way responsible for the crop. If the customer does not accept the goods on these terms, they can be returned at once and no sale has been made.

Prices are subject to any advances over present prevailing freight rates, customs duties or war tax, and all deliveries are subject to delay, restrictions, embargoes, crop shortages and all conditions beyond our control. All quotations are made and all orders are booked subject to the above conditions.

Merchandise to be credited must be returned within 5 days in good order free of expense to us.

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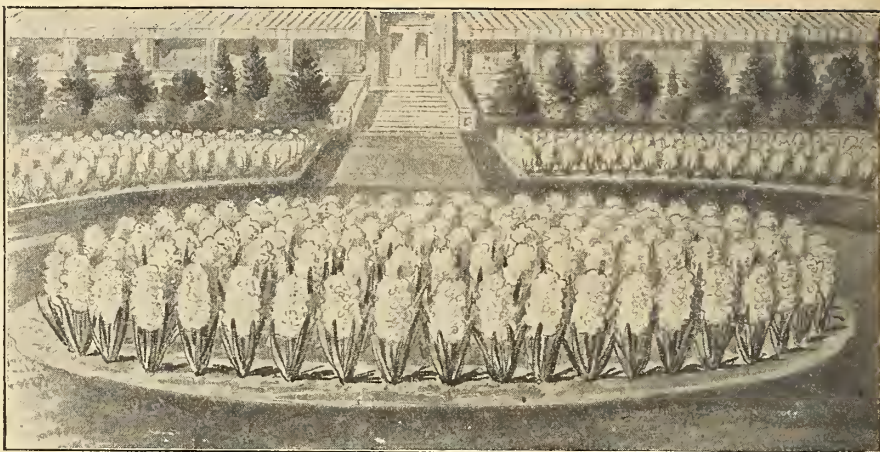
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2 MICHELL'S SUPERB NAMED HYACINTHS



CULTURAL DIRECTIONS FOR HYACINTHS—For Outdoors plant October and November in soil composed of 1-3 sand, 1-3 cow or sheep manure, and 1-3 good garden soil. After the ground has frozen, cover with litter, leaves or coarse manure.

For Pots use same soil as directed above and plant any time from September to November. After planting, water well and then bury the pots outdoors to the depth of 6 inches for eight weeks. After this remove to a cool room.

For Glasses the single varieties are the best. Place the bulb in a glass, which should be filled with water, so it touches the bottom of the bulb, and place the glasses in a cool, dark place. Change the water occasionally. Keep in the dark about 8 weeks, and then remove to a light, cool place.

To assist customers in selecting varieties that will bloom at the same time, we have affixed the letters E, M and L, signifying E for early sorts, M for midseason, L for late sorts.

SINGLE FIRST SIZE HYACINTHS

	Each	Doz.	100
M—Amy. Bright carmine	\$0.20	\$1.75	\$12.50
E—British Queen. Pure white .....	.20	1.75	12.50
M—Chas. Dickens Blue. Porcelain blue .....	.20	1.75	12.50
M—Czar Peter. Porcelain .....	.20	1.75	12.50
M—Gertrude. Bright pink .....	.20	1.75	12.50
M—Gigantea. Flesh pink .....	.20	1.75	12.50
M—Grand Maitre. Bright porcelain .....	.20	1.75	12.50
L—King of Blues. Deep blue .....	.20	1.75	12.50
L—King of Yellow. Orange yellow .....	.20	1.75	12.50
M—Lady Derby. Delicate pink .....	.20	1.75	12.50
M—La Grandesse. Snow white .....	.20	1.75	12.50
M—L'Innocence. Pure white .....	.20	1.75	12.50
M—Moreno. Deep rose .....	.20	1.75	12.50
L—Queen of the Blues. Silvery blue .....	.20	1.75	12.50
E—Queen of Pinks. Brilliant pink .....	.20	1.75	12.50
L—Roi des Belges. Deep red .....	.20	1.75	12.50
M—Yellow Hammer. Pure yellow .....	.20	1.75	12.50

SECOND SIZE SINGLE HYACINTHS

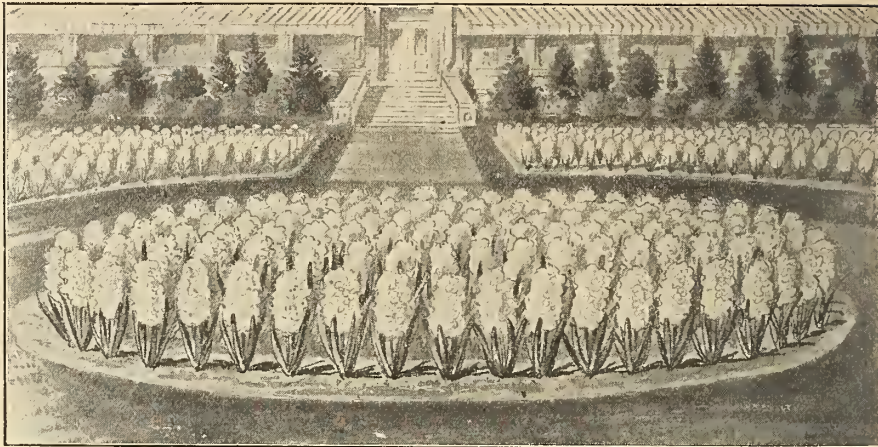
For bedding, the second size named Hyacinths are ideal, being all one height and uniform in appearance. They are also suitable for forcing in pots or pans.

	Each	Doz.	100	1000
M—City of Harlem. Golden yellow	\$0.15	\$1.50	\$10.00	\$90.00
M—Czar Peter. Porcelain blue .....	.15	1.50	10.00	90.00
M—Gertrude. Bright pink .....	.15	1.50	10.00	90.00
E—Gigantea. Flesh pink .....	.15	1.50	10.00	90.00
M—Grand Maitre. Bright porcelain .....	.15	1.50	10.00	90.00
L—King of Blues. Deep blue .....	.15	1.50	10.00	90.00
E—Lady Derby. Delicate pink .....	.15	1.50	10.00	90.00
M—La Grandesse. Pure white .....	.15	1.50	10.00	90.00
M—L'Innocence. Pure white .....	.15	1.50	10.00	90.00
L—Queen of the Blues. Silvery blue .....	.15	1.50	10.00	90.00
L—Roi des Belges. Deep red .....	.15	1.50	10.00	90.00

NAMED EXHIBITION HYACINTHS

Every year we have our most reliable grower make us a selection of the largest possible Hyacinth Bulbs to be obtained. He usually scours the entire bulb-growing district of Holland to find them. In past years they've been so sought after that we rarely have enough to meet demands; so order early. We offer them in single varieties only, our selection. Price, 35c, each; doz., \$3.50; \$25.00 per 100.

MICHELL'S SUPERB NAMED HYACINTHS



CULTURAL DIRECTIONS FOR HYACINTHS—For Outdoors plant October and November in soil composed of 1-3 sand, 1-3 cow or sheep manure, and 1-3 good garden soil. After the ground has frozen, cover with litter, leaves or coarse manure.

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For Glasses the single varieties are the best. Place the bulb in a glass, which should be filled with water, so it touches the bottom of the bulb, and place the glasses in a cool, dark place. Change the water occasionally. Keep in the dark about 8 weeks, and then remove to a light, cool place.

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M—Amy. Bright carmine	\$.20	\$1.75	\$12.50
E—British Queen. Pure white	.20	1.75	12.50
M—Chas. Dickens Blue. Porcelain blue	.20	1.75	12.50
M—Czar Peter. Porcelain	.20	1.75	12.50
M—Gertrude. Bright pink	.20	1.75	12.50
M—Gigantea. Flesh pink	.20	1.75	12.50
M—Grand Maitre. Bright porcelain	.20	1.75	12.50
L—King of Blues. Deep blue	.20	1.75	12.50
L—King of Yellow. Orange yellow	.20	1.75	12.50
M—Lady Derby. Delicate pink	.20	1.75	12.50
M—La Grandesse. Snow white	.20	1.75	12.50
M—L'Innocence. Pure white	.20	1.75	12.50
M—Moreno. Deep rose	.20	1.75	12.50
L—Queen of the Blues. Silvery blue	.20	1.75	12.50
E—Queen of Pinks. Brilliant pink	.20	1.75	12.50
L—Roi des Belges. Deep red	.20	1.75	12.50
M—Yellow Hammer. Pure yellow	.20	1.75	12.50

SECOND SIZE SINGLE HYACINTHS

For bedding, the second size named Hyacinths are ideal, being all one height and uniform in appearance. They are also suitable for forcing in pots or pans.

	Each	Doz.	100	1000
M—City of Harlem. Golden yellow	\$.15	\$1.50	\$10.00	\$90.00
M—Czar Peter. Porcelain blue	.15	1.50	10.00	90.00
M—Gertrude. Bright pink	.15	1.50	10.00	90.00
E—Gigantea. Flesh pink	.15	1.50	10.00	90.00
M—Grand Maitre. Bright porcelain	.15	1.50	10.00	90.00
L—King of Blues. Deep blue	.15	1.50	10.00	90.00
E—Lady Derby. Delicate pink	.15	1.50	10.00	90.00
M—La Grandesse. Pure white	.15	1.50	10.00	90.00
M—L'Innocence. Pure white	.15	1.50	10.00	90.00
L—Queen of the Blues. Silvery blue	.15	1.50	10.00	90.00
L—Roi des Belges. Deep red	.15	1.50	10.00	90.00

NAMED EXHIBITION HYACINTHS

Every year we have our most reliable grower make us a selection of the largest possible Hyacinth Bulbs to be obtained. He usually scours the entire bulb-growing district of Holland to find them. In past years they've been so sought after that we rarely have enough to meet demands; so order early. We offer them in single varieties only, our selection. Price, 35c, each; doz., \$3.50; \$25.00 per 100.

MICHELL'S SUPERB HYACINTHS (Continued)

3

We have affixed the letters E, M, and L, signifying: E, for early sorts; M, for midseason; L, for late sorts.

DOUBLE FIRST SIZE HYACINTHS

	Each	Doz.	100
E—Blocksberg. Light blue.....	\$0.20	\$1.75	\$12.50
M—Bouquet Orange. Dark carmine .....	.20	1.75	12.50
E—Delicata. Pale blue .....	.20	1.75	12.50
E—Garrick. Blue, dark center .....	.20	1.75	12.50
M—Lord Wellington. Rich pink .....	.20	1.75	12.50
M—Prince of Waterloo. Pure white .....	.20	1.75	12.50
M—Sunflower. Pure yellow.....	.20	1.75	12.50

CHOICE BEDDING HYACINTHS (Unnamed)

Micell's Bedding Hyacinths are larger than those put in ordinary mixtures. They will produce fine spikes and therefore can also be used for forcing purposes. Where bedding of Hyacinths is to be done in large quantity we can particularly recommend them on account of their low cost, the length of time they remain in flower, and because of their handsome effect. Parcel Post weight, 2 lbs., per dozen; per 100, 12 lbs.

SINGLE FLOWERING

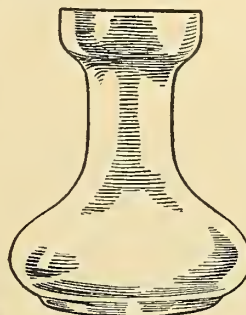
	Each	Doz.	100	1000
Pink	\$0.09	\$0.85	\$6.00	\$57.50
Red .....	.09	.85	6.00	57.50
Pure White .....	.09	.85	6.00	57.50
Blush White .....	.09	.85	6.00	57.50
Light Blue .....	.09	.85	6.00	57.50
Deep Blue .....	.09	.85	6.00	57.50
Yellow. All shades, light and dark..	.09	.85	6.00	57.50
Mixed. All colors.....	.09	.85	6.00	57.50

DOUBLE FLOWERING

	Each	Doz.	100	1000
Red. All shades of pink and red....	\$0.09	\$0.85	\$6.00	\$57.50
Pink. All shades of pink .....	.09	.85	6.00	57.50
Pure White .....	.09	.85	6.00	57.50
Blue. All shades, light and dark....	.09	.85	6.00	57.50
Yellow. All shades, light and dark..	.08	.85	6.00	57.50
Mixed. All colors.....	.09	.85	6.00	57.50

HYACINTH GLASSES (Not Mailable)

Hyacinths grow beautifully and look most decorative when grown in glasses with water. These Hyacinth glasses are specially made for this purpose.



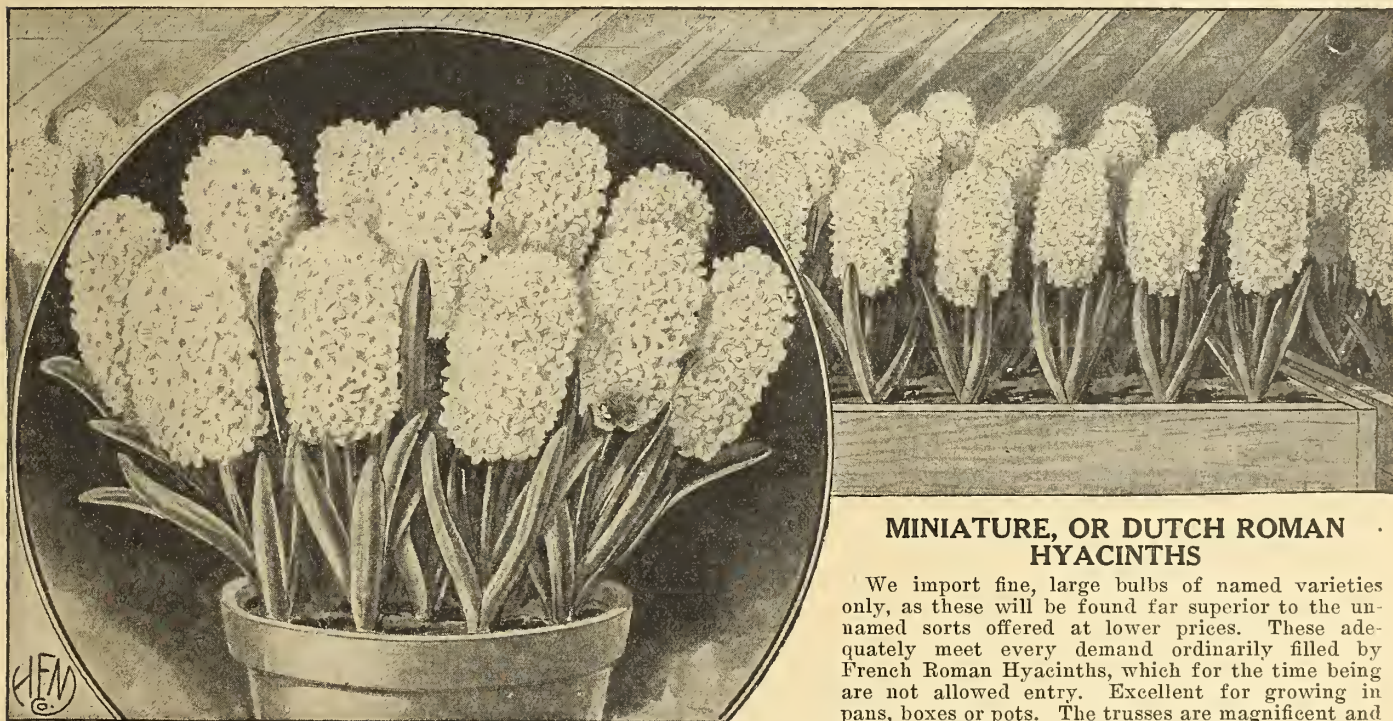
Tye or Low Pattern

Belgian. In the following colors: Blue, green, white, 40c each; per dozen, \$4.00.

Tye or Low Pattern. Heavier than the above style, but in the same colors, 40c. each; doz., \$4.00.



Belgian Style



Miniature or Dutch Roman Hyacinths

Christmas Flowering Dutch Roman Hyacinths, L'Innocence

These specially prepared pure white Hyacinths are peculiarly adapted for pot culture and early flowering. Can be made to bloom just at holiday season. We recommend every lover of flowers to try a few, as Hyacinths for Christmas are a most cheerful novelty. 12c. each; doz., \$1.10; \$7.50 per 100; per 1000, \$65.00.

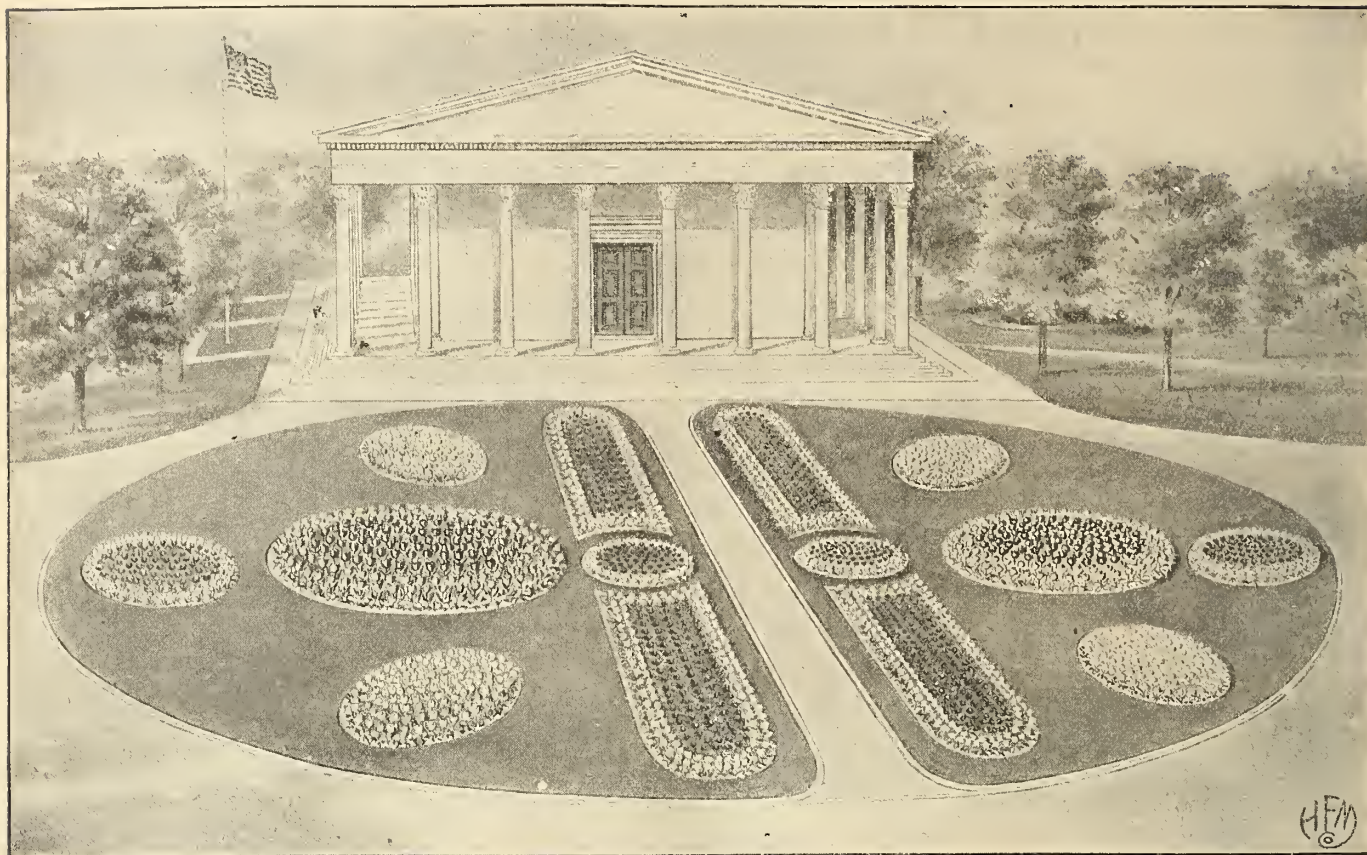
MINIATURE, OR DUTCH ROMAN HYACINTHS

We import fine, large bulbs of named varieties only, as these will be found far superior to the unnamed sorts offered at lower prices. These adequately meet every demand ordinarily filled by French Roman Hyacinths, which for the time being are not allowed entry. Excellent for growing in pans, boxes or pots. The trusses are magnificent and almost as large as the regular hyacinths. P. P. W., 1 lb. per doz.; 100, 8 lbs.

	Each	Doz.	100	1000
Gertrude. Deep pink.....	\$0.08	\$0.80	\$5.00	\$42.50
Gigantea. Light pink.....	.08	.80	5.00	42.50
Grand Maitre. Bright blue.....	.08	.80	5.00	42.50
King of the Blues. Deep blue.....	.08	.80	5.00	42.50
La Grandesse. Pure white.....	.08	.80	5.00	42.50
L'Innocence. Pure white.....	.08	.80	5.00	42.00
Roi des Belges. Fine deep crimson	.08	.80	5.00	42.50
Yellow Hammer. Pure yellow ....	.08	.80	5.00	42.50

MICHELL'S SINGLE EARLY TULIPS For Forcing and Bedding

Illustration below shows a display of Michell's Tulips from bulbs furnished to the Trustees of Girard College, Philadelphia



CULTURAL DIRECTIONS—For Bedding Out: The bed should be formed of a compost similar to that recommended for Hyacinths. Plant the bulbs 4 inches apart and about 5 inches deep. They should be covered with a litter shortly before severe freezing weather sets in.

For Pot or Pan Culture—Plant about 4 bulbs in a 6-inch pot or 5 bulbs in a 6-inch pan, water thoroughly and then remove to the open ground or in a cold frame, covering with coal ashes; after they have rooted thoroughly they should be brought in a moderately cool room and gradually warmer; by bringing in a fresh supply every ten days, they can be had in bloom all winter.

To assist customers in making selections, we have affixed in front of the varieties figures denoting the approximate height where grown under the same conditions; also to indicate the comparative blooming time, so that such sorts as flower together may be easily selected. V means very early; E means early; M means midseason; L means late.

Inches High		PINK VARIETIES	Doz.	100	1000
8 M	Cottage Maid.	Pink and white; a beautiful combination.....	\$0.85	\$5.25	\$45.00
12 E	Pink Beauty.	The most superb and largest pink Tulip in existence....	.90	6.00	52.50
8 E	Proserpine.	Glossy pink; very large; forces early; excellent for bedding	1.15	7.50	67.50
8 M	Rose Grisdelin.	Delicate rose, flushed white; for forcing or bedding.....	.70	4.75	40.00
10 M	Rose Luisante.	Brilliant deep pink; large flowers; for forcing and bedding	.90	6.00	52.50
RED AND SCARLET VARIETIES					
8 M	Artus.	Bright scarlet; for bedding..	\$0.70	\$4.75	\$40.00
8 M	Belle Alliance.	Brilliant scarlet; for either forcing or bedding.....	.85	5.25	45.00
10 M	Couleur de Cardinal.	Bright scarlet; excellent for forcing or bedding..	.90	6.00	52.50
10 M	Cramoise Brilliant.	Scarlet; good for bedding or forcing.....	.85	5.25	45.00
7 V	Duc Van Tholl, Cochineal.	Rich vermilion; for forcing or bedding....	.90	6.00	50.00
7 V	Duc Van Tholl.	Scarlet; for forcing or bedding	.85	5.25	45.00
10	McKinley.	Rose, shaded carmine....	.85	5.25	45.00
12 M	Prince of Austria.	Orange scarlet; for either forcing or bedding.....	.90	6.00	50.00
10 M	Vermilion Brilliant.	The richest scarlet; for forcing or bedding....	.90	6.00	50.00

If wanted per Parcel Post, add postage as per Zone rate. Weight of Single Early Tulips, packed 1 lb. per dozen; per 100, 5 lbs.

In. High		VARIEGATED OR TWO COLORED VARIETIES	Doz.	100	1000
12 M	Duchesse de Parma.	Orange scarlet, yellow border; for bedding.....	\$0.85	\$5.25	\$45.00
12 M	Keizerkroon.	Brilliant red with distinct wide golden border; for either forcing or bedding	.70	4.75	40.00
VIOLET OR BLUE VARIETIES					
9 M	Wouwerman.	Purple violet	\$0.85	\$5.25	\$45.00
WHITE VARIETIES					
9 E	Joost Van Vondel, White (Lady Bo-reel).	A real exhibition variety..	\$0.90	\$6.00	\$50.00
10 M	La Reine.	Pure white, at times it shows a delicate shade of pink....	.85	5.25	45.00
12 M	White Hawk (Albion).	Pure white; for forcing and bedding.....	.90	6.00	50.00
YELLOW VARIETIES					
10 M	Chrysolora.	Golden yellow; for bedding; this is one of the best.....	\$0.85	\$5.25	\$45.00
12 E	King of Yellows.	Deep golden yellow	.90	6.00	50.00
8 M	Yellow Prince.	Golden yellow	.70	4.75	40.00
SINGLE UNNAMED TULIPS (For Bedding Only)					
These make a fine effect where a solid color is desired, and their cost is not so much as the named varieties.					
			Doz.	100	1000
Pink,	in all shades		\$0.60	\$4.00	\$32.50
Red,	in all shades		.60	4.00	32.50
White,	in all shades		.60	4.00	32.50
Yellow,	in all shades		.60	4.00	32.50
SINGLE EARLY TULIPS IN MIXTURE					
Our mixtures of Tulips have long been noted for their brilliancy, proper blending and variety of colors.					
			Doz.	100	1000
Superfine Quality,	all colors		\$0.60	\$4.00	\$32.50

We have affixed the letters E, M, and L, signifying: E, for early sorts; M, for midseason; L, for late sorts.

DOUBLE FIRST SIZE HYACINTHS

	Each	Doz.	100
E—Blocksberg. Light blue.....	\$0.20	\$1.75	\$12.50
M—Bouquet Orange. Dark carmine.....	.20	1.75	12.50
E—Delicata. Pale blue .....	.20	1.75	12.50
E—Garrick. Blue, dark center .....	.20	1.75	12.50
M—Lord Wellington. Rich pink .....	.20	1.75	12.50
M—Prince of Waterloo. Pure white .....	.20	1.75	12.50
M—Sunflower. Pure yellow.....	.20	1.75	12.50

CHOICE BEDDING HYACINTHS (Unnamed)

Michell's Bedding Hyacinths are larger than those put in ordinary mixtures. They will produce fine spikes and therefore can also be used for forcing purposes. Where bedding of Hyacinths is to be done in large quantity we can particularly recommend them on account of their low cost, the length of time they remain in flower, and because of their handsome effect. Parcel Post weight, 2 lbs., per dozen; per 100, 12 lbs.

SINGLE FLOWERING

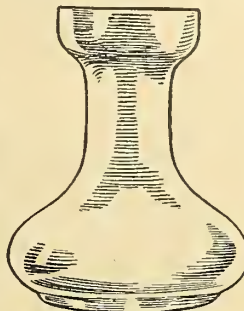
	Each	Doz.	100	1000
Pink	\$0.09	\$0.85	\$6.00	\$57.50
Red .....	.09	.85	6.00	57.50
Pure White .....	.09	.85	6.00	57.50
Blush White .....	.09	.85	6.00	57.50
Light Blue .....	.09	.85	6.00	57.50
Deep Blue .....	.09	.85	6.00	57.50
Yellow. All shades, light and dark..	.09	.85	6.00	57.50
Mixed. All colors.....	.09	.85	6.00	57.50

DOUBLE FLOWERING

	Each	Doz.	100	1000
Red. All shades of pink and red....	\$0.09	\$0.85	\$6.00	\$57.50
Pink. All shades of pink .....	.09	.85	6.00	57.50
Pure White .....	.09	.85	6.00	57.50
Blue. All shades, light and dark....	.09	.85	6.00	57.50
Yellow. All shades, light and dark..	.08	.85	6.00	57.50
Mixed. All colors.....	.09	.85	6.00	57.50

HYACINTH GLASSES (Not Mailable)

Hyacinths grow beautifully and look most decorative when grown in glasses with water. These Hyacinth glasses are specially made for this purpose.



Tye or Low Pattern

Belgian. In the following colors: Blue, green, white, 40c each; per dozen, \$4.00.

Tye or Low Pattern. Heavier than the above style, but in the same colors, 40c. each; doz., \$4.00.



Belgian Style



Miniature or Dutch Roman Hyacinths

Christmas Flowering Dutch Roman Hyacinths, L'Innocence

These specially prepared pure white Hyacinths are peculiarly adapted for pot culture and early flowering. Can be made to bloom just at holiday season. We recommend every lover of flowers to try a few, as Hyacinths for Christmas are a most cheerful novelty. 12c. each; doz., \$1.10; \$7.50 per 100; per 1000, \$65.00.

MINIATURE, OR DUTCH ROMAN HYACINTHS

We import fine, large bulbs of named varieties only, as these will be found far superior to the unnamed sorts offered at lower prices. These adequately meet every demand ordinarily filled by French Roman Hyacinths, which for the time being are not allowed entry. Excellent for growing in pans, boxes or pots. The trusses are magnificent and almost as large as the regular hyacinths. P. P. W., 1 lb. per doz.; 100, 8 lbs.

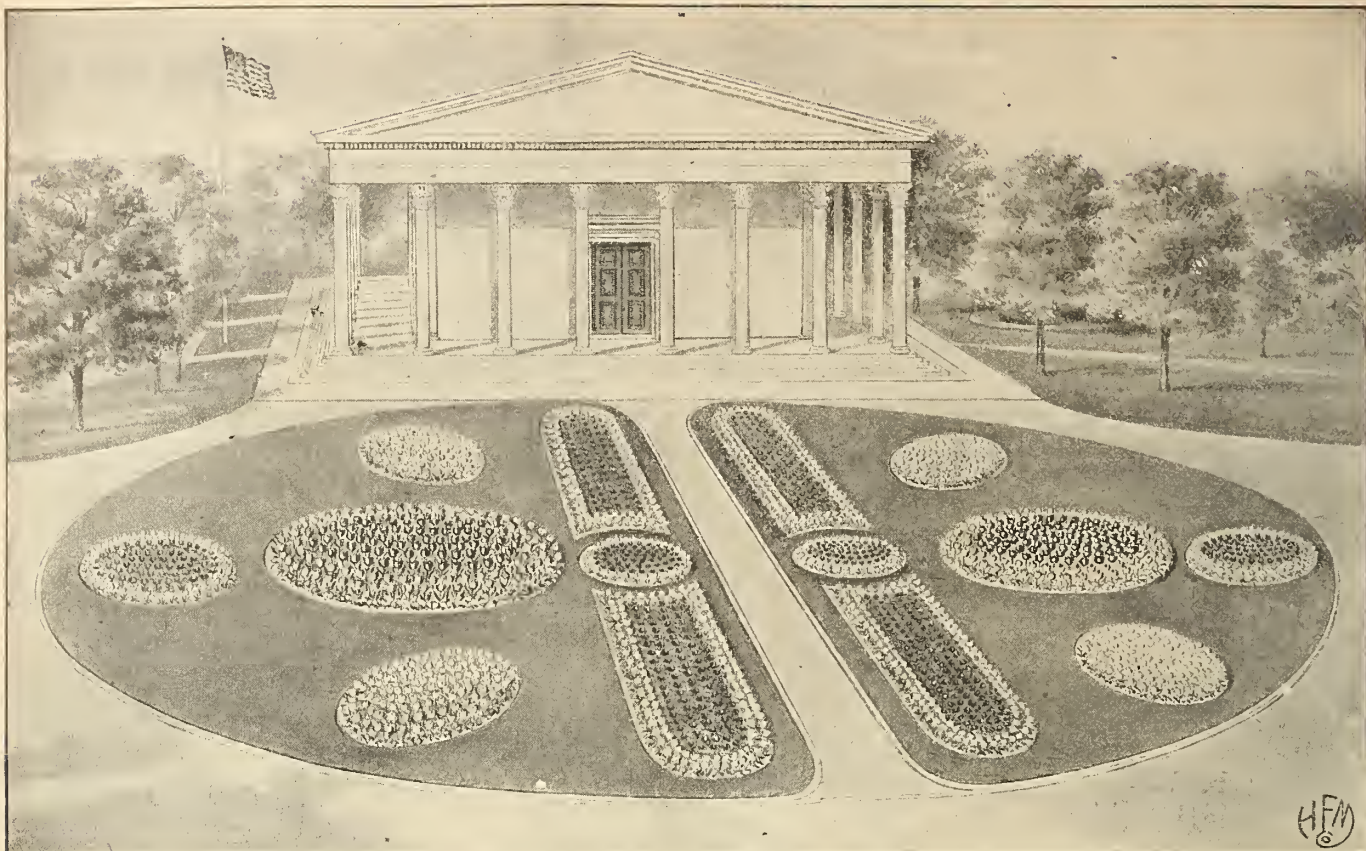
	Each	Doz.	100	1000
Gertrude. Deep pink.....	\$0.08	\$0.80	\$5.00	\$42.50
Gigantea. Light pink.....	.08	.80	5.00	42.50
Grand Maitre. Bright blue.....	.08	.80	5.00	42.50
King of the Blues. Deep blue.....	.08	.80	5.00	42.50
La Grandesse. Pure white.....	.08	.80	5.00	42.50
L'Innocence. Pure white.....	.08	.80	5.00	42.00
Roi des Belges. Fine deep crimson	.08	.80	5.00	42.50
Yellow Hammer. Pure yellow ....	.08	.80	5.00	42.50

6 Bulbs of any one variety at dozen rate; 25 at 100 rate; 250 at 1000 rate.

(oc)

6 Bulbs of any one variety at dozen rate; 25 at 100 rate; 250 at 1000 rate.

(oc)



CULTURAL DIRECTIONS—For Bedding Out: The bed should be formed of a compost similar to that recommended for Hyacinths. Plant the bulbs 4 inches apart and about 5 inches deep. They should be covered with a litter shortly before severe freezing weather sets in.

For Pot or Pan Culture—Plant about 4 bulbs in a 6-inch pot or 5 bulbs in a 6-inch pan, water thoroughly and then remove to the open ground or in a cold frame, covering with coal ashes; after they have rooted thoroughly they should be brought in a moderately cool room and gradually warmer; by bringing in a fresh supply every ten days, they can be had in bloom all winter.

To assist customers in making selections, we have affixed in front of the varieties figures denoting the approximate height where grown under the same conditions; also to indicate the comparative blooming time, so that such sorts as flower together may be easily selected. V means very early; E means early; M means midseason; L means late.

Inches High	PINK VARIETIES	Doz.	100	1000
8 M	Cottage Maid. Pink and white; a beautiful combination.....	\$0.85	\$5.25	\$45.00
12 E	Pink Beauty. The most superb and largest pink Tulip in existence....	.90	6.00	52.50
8 E	Proserpine. Glossy pink; very large; forces early; excellent for bedding	1.15	7.50	67.50
8 M	Rose Grisdelin. Delicate rose, flushed white; for forcing or bedding.....	.70	4.75	40.00
10 M	Rose Luisante. Brilliant deep pink; large flowers; for forcing and bedding .....	.90	6.00	52.50

RED AND SCARLET VARIETIES

		Doz.	100	1000
8 M	Artus. Bright scarlet; for bedding..	\$0.70	\$4.75	\$40.00
8 M	Belle Alliance. Brilliant scarlet; for either forcing or bedding.....	.85	5.25	45.00
10 M	Couleur de Cardinal. Bright scarlet; excellent for forcing or bedding....	.90	6.00	52.50
10 M	Cramoise Brilliant. Scarlet; good for bedding or forcing.....	.85	5.25	45.00
7 V	Duc Van Tholl, Cochineal. Rich vermilion; for forcing or bedding....	.90	6.00	50.00
7 V	Duc Van Tholl. Scarlet; for forcing or bedding .....	.85	5.25	45.00
10	McKinley. Rose, shaded carmine....	.85	5.25	45.00
12 M	Prince of Austria. Orange scarlet; for either forcing or bedding.....	.90	6.00	50.00
10 M	Vermilion Brilliant. The richest scarlet; for forcing or bedding....	.90	6.00	50.00

If wanted per Parcel Post, add postage as per Zone rate. Weight of Single Early Tulips, packed 1 lb. per dozen; per 100, 5 lbs.

In. High	VARIEGATED OR TWO COLORED VARIETIES	Doz.	100	1000
12 M	Duchesse de Parma. Orange scarlet, yellow border; for bedding.....	\$0.85	\$5.25	\$45.00
12 M	Keizerkroon. Brilliant red with distinct wide golden border; for either forcing or bedding70	4.75	40.00

VIOLET OR BLUE VARIETIES

		Doz.	100	1000
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9 M	Wouverman. Purple violet	\$0.85	\$5.25	\$45.00
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WHITE VARIETIES

		Doz.	100	1000
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9 E	Joost Van Vondel, White (Lady Be-reel). A real exhibition variety..	\$0.90	\$6.00	\$50.00
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10 M	La Reine. Pure white, at times it shows a delicate shade of pink....	.85	5.25	45.00
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12 M	White Hawk (Albion). Pure white; for forcing and bedding.....	.90	6.00	50.00
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YELLOW VARIETIES

		Doz.	100	1000
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10 M	Chrysolora. Golden yellow; for bedding; this is one of the best.....	\$0.85	\$5.25	\$45.00
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12 E	King of Yellows. Deep golden yellow90	6.00	50.00
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8 M	Yellow Prince. Golden yellow70	4.75	40.00
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SINGLE UNNAMED TULIPS (For Bedding Only)

These make a fine effect where a solid color is desired, and their cost is not so much as the named varieties.

		Doz.	100	1000
Pink	in all shades	\$0.60	\$4.00	\$32.50
Red	in all shades .....	.60	4.00	32.50
White	in all shades.....	.60	4.00	32.50
Yellow	in all shades.....	.60	4.00	32.50

SINGLE EARLY TULIPS IN MIXTURE

		Doz.	100	1000
Our mixtures of Tulips have long been noted for their brilliancy, proper blending and variety of colors.				
Superfine Quality, all colors.....		\$0.60	\$4.00	\$32.50

6 Bulbs of any one variety at dozen rate; 25 at 100 rate; 250 at 1000 rate.

(oe)

If wanted per Parcel Post, add postage as per Zone rate. Weight of Single Early Tulips, packed 1 lb. per dozen; per 100, 5 lbs.

Superfine Quality, all colors.....	\$0.60	\$4.00	\$32.50
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6 Bulbs of any one variety at dozen rate; 25 at 100 rate; 250 at 1000 rate.

(oe)



Double Tulips are used very extensively for forcing, but are equally valuable for bedding purposes. They remain in flower longer than do the single sorts on account of their substance, although they do not make quite as fine a show. They should not be planted in beds with single tulips, as they do not bloom as early as the single sorts. The number prefixed before the variety denotes the approximate height.

	Doz.	100	1000
12 Couronne d'Or. A handsome rich yellow variety; grand foreer	\$0.90	\$6.00	\$50.00
10 Imperator Rubrorum. Brilliant scarlet; especially adapted to forcing; also fine for bedding.....	.90	6.25	55.00
8 La Candeur. Very large, pure white; for forcing or bedding.....	.85	5.25	45.00
7 Murillo. A very large pink sort, suffused with white; one of the best forcers .....	.85	5.25	45.00
8 Rubra Maxima. Dazzling scarlet; good bedder and splendid early forcer..	.85	5.25	45.00
8 Toreador. A handsome rich orange; a grand forcing variety.....	1.15	7.50	67.50
8 Tournesol, Red and yellow. For forcing and bedding .....	.90	6.00	50.00
8 Tournesol, Orange yellow. Forces readily and is most desirable for cutting or pan culture.....	.90	6.00	50.00

DOUBLE UNNAMED TULIPS FOR BEDDING ONLY

These are very valuable for solid color bedding where no particular design is to be carried into effect and where expense is considered. At the low price offered anyone can afford them and thus avoid mixtures. They will bloom evenly and make a fine show.

	Doz.	100	1000
Pink, in all shades.....	\$0.60	\$4.00	\$32.50
Red, in all shades .....	.60	4.00	32.50
White, in all shades.....	.60	4.00	32.50
Yellow, in all shades.....	.60	4.00	32.50

MICHELL'S EARLY DOUBLE MIXED TULIPS (For Bedding Only)

These mixtures are carefully blended with the choicest varieties taken from the named sorts. The bulbs are selected for size, and the mixture will produce a grand array of colors. For planting between perennials they are unexcelled.

	Doz.	100	1000
Superfine Quality	\$0.60	\$4.00	\$32.50

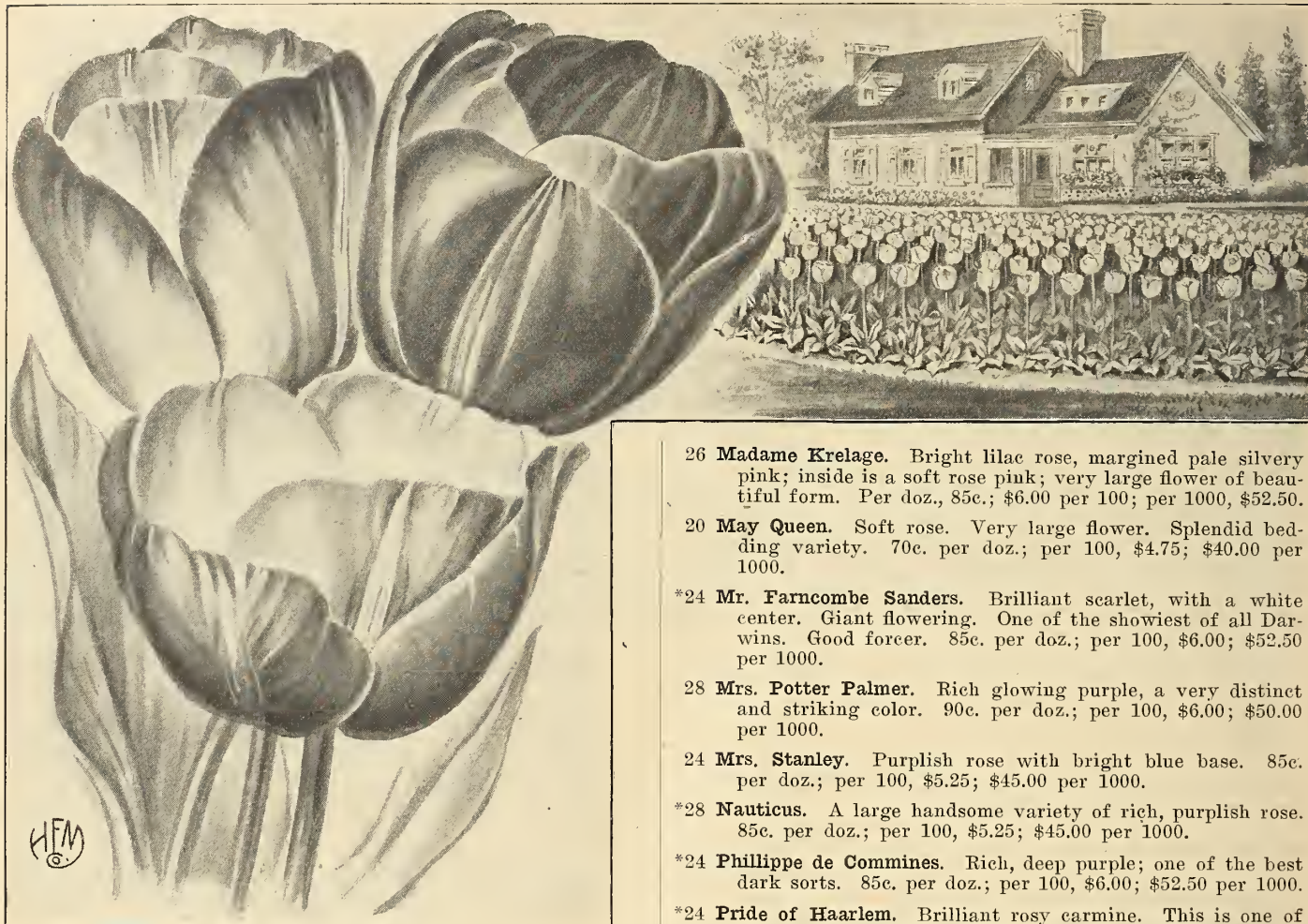
NUMBER OF BULBS REQUIRED FOR PLANTING CIRCULAR BEDS AT DISTANCES NOTED BELOW

Oval beds require very much the same number, although we will be glad to give the exact information whenever desired, also for other sized or shaped beds.

DISTANCES FOR PLANTING APART

Dia. of Bed	3 in. apart	4 in. apart	6 in. apart	8 in. apart	10 in. apart	12 in. apart
2 feet	61	37	19	....	....	....
3 "	127	95	37	....	....	....
4 "	217	127	61	37	24	19
5 "	331	225	91	69	37	25
6 "	469	271	127	78	52	37
7 "	631	410	169	96	71	48
8 "	817	469	217	127	85	61
9 "	1027	650	271	156	110	74
10 "	1261	721	331	190	127	91
11 "	1519	940	397	240	150	110
12 "	1801	1027	469	271	169	127
13 "	2107	1280	543	318	200	150
14 "	2437	1387	631	360	240	169
15 "	2791	1670	721	420	271	200
16 "	3169	1801	817	469	318	217
17 "	3571	2140	919	543	360	240
18 "	4037	2269	1027	590	390	271
19 "	4187	2640	1141	631	420	318
20 "	4961	2791	1261	721	469	331
21 "	5459	3210	1387	785	540	360
22 "	6981	3367	1519	817	590	397
23 "	7527	3870	1659	945	625	420
24 "	8097	4037	1801	1027	670	469
25 "	8691	4325	1951	1165	721	590

MICHELL'S SUPERB DARWIN TULIPS



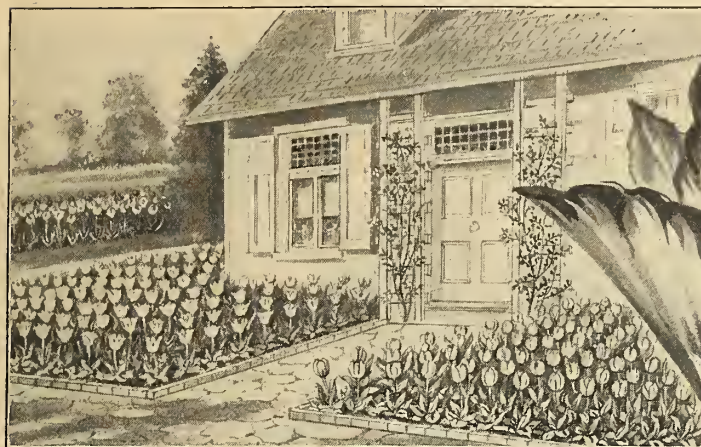
"Darwins" are a class of Tulips which bloom long after the other Tulips have flowered. The gigantic flower cups are borne on straight, stout stems, which rise far above a broad foliage and which commonly attain a height of 2 to 3 feet. For massing, bedding or border planting, the Darwins are hard to equal. For pot culture they are splendid and are just the ideal Tulip to grow for Easter. The varieties marked with an asterisk (*) are most adapted for the latter purpose. The number prefixed before the variety denotes the approximate height.

- 28 **Ariadne**. Enormous bold, cup shaped flowers of fiery, scarlet red. 85c. per doz.; per 100, \$6.00; \$52.50 per 1000.
- *14 **Bartigan**. Fiery red color; grand forcer. \$1.10 per doz.; per 100, \$7.00; \$62.50 per 1000.
- *20 **Clara Butt**. Delicate salmon pink. Its perfect shape and lovely color make it a real beauty. It is a good bedder and a splendid forcer. 70c per doz.; per 100, \$4.75; \$40.00 per 1000.
- 23 **Glow**. Scarlet, margined white, blue center. 90c. per doz.; per 100, \$6.00; \$50.00 per 1000.
- *18 **Gretchen**. A most attractive variety of a soft salmon-rose color. Splendid for cutting. Good bedder and excellent forcer. 85c. per doz.; per 100, \$5.25; \$45.00 per 1000.
- *26 **La Tristresse**. A very large flower of violet blue, with silver flush at margin. 90c. per doz.; per 100, \$6.00; \$50.00 per 1000.
- 25 **La Tulipe Noire** (The Black Tulip). Deep purple maroon, almost glittering black. Per doz., 85c.; \$6.00 per 100; per 1000, \$52.50.
- *18 **Loveliness**. Soft rosy carmine, margined blush; good forcer. 70c. per doz.; per 100, \$4.75; \$40.00 per 1000.
- 26 **Madame Krelage**. Bright lilac rose, margined pale silvery pink; inside is a soft rose pink; very large flower of beautiful form. Per doz., 85c.; \$6.00 per 100; per 1000, \$52.50.
- 20 **May Queen**. Soft rose. Very large flower. Splendid bedding variety. 70c. per doz.; per 100, \$4.75; \$40.00 per 1000.
- *24 **Mr. Farncombe Sanders**. Brilliant scarlet, with a white center. Giant flowering. One of the showiest of all Darwins. Good forcer. 85c. per doz.; per 100, \$6.00; \$52.50 per 1000.
- 28 **Mrs. Potter Palmer**. Rich glowing purple, a very distinct and striking color. 90c. per doz.; per 100, \$6.00; \$50.00 per 1000.
- 24 **Mrs. Stanley**. Purplish rose with bright blue base. 85c. per doz.; per 100, \$5.25; \$45.00 per 1000.
- *28 **Nauticus**. A large handsome variety of rich, purplish rose. 85c. per doz.; per 100, \$5.25; \$45.00 per 1000.
- *24 **Phillippe de Communes**. Rich, deep purple; one of the best dark sorts. 85c. per doz.; per 100, \$6.00; \$52.50 per 1000.
- *24 **Pride of Haarlem**. Brilliant rosy carmine. This is one of the most popular varieties of Darwins. The size of the flowers is immense, having usually more than six petals, giving them the appearance of Double Tulips. Excellent forcer. 90c. per doz.; per 100, \$6.00; \$50.00 per 1000.
- *26 **Psyche**. Large bold flowers of rosy pink outside; inside silvery rose. 85c. per doz.; per 100, \$5.25; \$45.00 per 1000.
- *20 **Rev. H. Ewbank**. Light heliotrope. Rather dwarf variety; a splendid bedder. For forcing we recommend this variety very strongly, as it stands forcing splendidly and produces large flowers of a very pleasing color. 85c. per doz.; per 100, \$5.25; \$45.00 per 1000.
- 20 **Sultan**. Very dark maroon, almost black. Undoubtedly the best of the dark varieties. The strong stems hold the flowers erect and make it an excellent bedder. 70c. per doz.; per 100, \$4.75; \$40.00 per 1000.
- 22 **Salmon King**. Dazzling rosy scarlet suffused with salmon. 70c. per doz.; per 100, \$4.75; \$40.00 per 1000.
- *25 **Suzon**. Large bold flowers of soft, salmon rose color, margined with white. 90c. per doz.; per 100, \$6.00; \$50.00 per 1000.
- 24 **Wally Moes**. Large flowering; color, soft silvery heliotrope. \$1.10 per doz.; per 100, \$7.00; \$62.50 per 1000.
- *14 **W. Copeland**. One of the best early forcing varieties; color, delicate lavender. \$1.00 per doz.; per 100, \$6.25; \$52.50 per 1000.
- 22 **White Queen**. Can be called the only white Darwin. It opens rosy white, but passes off pure white. One of the most popular varieties. 85c. per doz.; per 100, \$5.25; \$45.00 per 1000.
- Darwin Mixed**. A great variety of colors and shades. 60c. per doz.; per 100, \$3.75; \$32.50 per 1000.

MICHELL'S LATE OR MAY FLOWERING TULIPS

7

The number prefixed before the variety denotes the approximate height.



COTTAGE GARDEN OR LATE TULIPS

Nothing in horticulture has received so much comment in late years as the late flowering tulips. They well deserve the popularity they have gained, for no other of the spring flowering bulbs can approach them for brilliancy, beauty and usefulness. For planting in beds, massing in perennial border or planting in clumps they are ideal. (All Single except where noted.)

	Doz.	100	1000
19 Blue Flag (Double). Rich violet blue...	\$0.85	\$6.00	\$52.50
18 Bouton d'Or (Ida). Golden yellow.....	.70	4.75	40.00
24 Gesneriana Lutea. Rich yellow .....	.70	4.75	40.00
24 Gesneriana Rosea. Rich, rosy carmine..	.70	4.75	40.00
24 Gesneriana Spathulata. Rich scarlet, blue-black center .....	.70	4.75	40.00
18 Golden Crown. Pure yellow, with narrow red margin .....	.70	4.75	40.00
16 Inglescombe Piak. Salmon pink .....	.70	4.75	40.00
16 Inglescombe Scarlet. Brilliant vermilion, with a black center .....	.70	4.75	40.00
16 Inglescombe Yellow. Bright yellow....	.70	4.75	40.00
24 Moonlight. Exquisite canary yellow....	.85	6.00	52.50
20 Picotee (Maiden's Blush). White, with distinct pink edged border.....	.70	4.75	40.00
15 Royal White. Pure white; very fine....	.75	5.00	42.50
12 Sarah Bernhardt (Hobbema or Le Reve). Exquisite soft rose	1.25	9.00	80.00
May Flowering Tulips (Single). Mixed.	.60	4.00	32.50

PARROT OR DRAGON TULIPS

These are curiously curled and crested. They are fine for bedding and border planting, also useful as a cut flower.

	Doz.	100	1000
Constantinople. Orange scarlet, with black markings in center	\$0.60	\$3.75	\$30.00
Lutea Major. Very large; bright yellow....	.60	3.75	30.00
Markgrave of Baden. Large yellow, striped scarlet and green .....	.70	4.75	40.00
Mixed Colors. This mixture is carefully blended and contains only the choicest sorts	.45	3.00	25.00

REMBRANDT TULIPS

These belong to the Darwin class; flowers striped and variegated. Height, 18 to 22 inches.

	Doz.	100	1000
Bougainville. Amaranth blue, striped white.	\$0.85	\$6.00	\$52.50
Red Prince. Rose, flamed scarlet .....	.70	4.75	40.00
Salome. Carmine rose with white markings	.70	4.75	40.00
Semele. White, feathered rosy pink.....	.70	4.75	40.00



COTTAGE GARDEN TULIPS

DUTCH BREEDER TULIPS

A May-flowering type, similar to the Darwins, in their tall, strong growth, but an entirely different range of colors. Flow-ers of large size; comes into bloom at same time as the Darwins.

	Doz.	100	1000
25 Apricot. Apricot orange	\$1.10	\$7.00	\$62.50
12- Aspasia. Wine red, shaded purple.....	.85	5.25	45.00
24 Bronze Queen. Soft buff, inside tinged golden bronze .....	.90	6.00	50.00
28 Cardinal Manning. Wine red, flushed rosy brown .....	.75	4.75	40.00
24 Chestnut. Chestnut brown .....	.85	5.25	45.00
25 General Ney. Olive and bronze.....	.90	6.00	50.00
14 Godet Parfait. Violet blue	1.25	9.00	80.00
24 Jaune d'Oeuf. Rosy lilac, yellow bordered .....	.70	4.75	40.00
24 Prince of Orange. Golden orange.....	.85	5.25	45.00
28 Turenne. Purple, brownish yellow reflex	1.25	9.00	80.00
24 Yellow Perfection. Light, bronze yellow	.85	5.25	45.00

TESTIMONIAL ON MICHELL'S BULBS

The bulbs received from you were excellent—could not have asked for anything better. As to your business methods, you are certainly O. K.

Chas. E. Brook.

MICHELL'S BULB GROWING GUIDE

Bound into a heavy cover, we have issued the above booklet, containing not only the most up-to-date cultural directions in general, but giving a very concise detail to what use each variety is best put to and in addition describing very explicitly each and every bulb offered in this catalogue. We want every bulb grower to have one, free on request.

MICHELL'S SUPERB NARCISSUS or DAFFODILS

No garden is complete without the Narcissus or Daffodil, and they really deserve the foremost place among bulbous flowers. They are perfectly hardy, and increase from year to year. As a house bulb in winter, they are indispensable, and of the easiest culture possible.

Culture. Owing to the various sizes of the bulbs of different varieties, we cannot advisably give the exact depth to plant, but a good rule to follow is to cover the bulb one and one-half times its own depth. For house culture 3 or 4 bulbs can be put in a 5 inch or 6 inch pan or pot and given the same treatment as Hyacinths.



GIANT TRUMPET VARIETIES

- 18 **Bicolor Victoria.** Robust habit; trumpet golden yellow; perianth creamy white; early. Each Doz. 100 1000
 Large Bulbs\$0.09 \$0.85 \$5.50 \$45.00
 Monster Bulbs15 1.25 8.25 75.00
- 18 **Emperor.** One of the best Narcissus in cultivation, for either outdoor or indoor culture. Entire flower is pure golden yellow. Both perianth and trumpet are massive.
 Each Doz. 100 1000
 Large Bulbs\$0.09 \$0.85 \$5.50 \$45.00
 Monster Bulbs15 1.25 8.25 75.00
 Extra Early09 .85 6.25 55.00
- 18 **Empress.** This variety tallies exactly with the foregoing sort, except that the perianth is pure white and the trumpet golden yellow, making the flower extremely attractive.
 Each Doz. 100 1000
 Large Bulbs\$0.09 \$0.85 \$5.50 \$45.00
 Monster Bulbs15 1.25 8.25 75.00
- 14 **Figaro.** Perianth sulphur yellow; cup bordered orange red; flowers large and of graceful form; midseason. 7c. each; doz., 65c.; \$4.25 per doz.; per 100, \$37.50.
- 15 **Giant Princeps.** Extensively used for naturalizing; one of the best forcing sorts, being very early; perianth sulphur yellow, trumpet rich yellow. (Large double-nosed bulbs.) 9c. each; doz., 85c.; \$6.00 per 100; per 1000, \$52.50.
- 14 **Glory of Leiden.** Immense flowers of majestic appearance; very long fluted trumpet, rich, golden yellow; the perianth petals are very broad, overlapping each other gracefully. Each, 12c.; \$1.10 per doz.; per 100, \$7.50; \$65.00 per 1000.
- 18 **Golden Spur.** A large striking variety of wonderful robust growth; unusually good for garden culture or forcing; very early and blooms freely; pure golden yellow.
 Each Doz. 100 1000
 Large bulbs (Dutch)\$0.09 \$0.85 \$5.50 \$45.00
 Monster bulbs (Dutch)10 1.00 6.25 57.50

Golden Spur (Extra Early Forcing Strain).

- | | Each | Doz. | 100 | 1000 |
|------------------|--------|--------|--------|---------|
| Large size | \$0.10 | \$0.85 | \$6.00 | \$52.50 |
- 18 **Henry Irving.** Perianth and trumpet are pure yellow; peculiarly adapted for border planting or naturalizing as well as for forcing; very early. 9c. each; doz., 85c.; \$5.50 per 100; per 1000, \$45.00.
- 18 **King Alfred.** The gigantic flowers are of intense golden yellow color; the trumpet is large and open with a deep filled edge. 20c. each; doz., \$2.00; per 100, \$12.50.
- 16 **Madame de Graaf.** The best pure white trumpet daffodil. When it first comes into flower it shows creamy white, changing to pure white as the flower matures. Each, 12c.; \$1.10 per doz.; per 100, \$7.00; \$60.00 per 1000.
- 15 **Sir Watkin (Giant Chalice Flower).** The flower is probably the largest in its class, measuring often 5 inches across; for moderate forcing as well as bedding on a large scale; it is pleasing and very free-flowering; perianth lemon yellow, cup or crown deep yellow; very early. 9c. each; doz., 85c.; \$5.50 per 100; per 1000, \$47.50.
- 15 **Trumpet Major.** One of the best varieties; trumpet and perianth deep golden yellow; very early.
 Each Doz. 100 1000
 Dutch-grown bulbs for out-
 doors and forcing\$0.08 \$0.75 \$4.75 \$40.00
- 15 **Trumpet Major (Christmas Flowering).** French-grown, for early forcing; medium-sized flowers with long stems.
 Each Doz. 100 1000
 Mammoth bulbs\$0.08 \$0.75 \$4.50 \$37.50
- Van Waveren's Giant.** Claimed to be the largest of all Narcissus; perianth soft primrose yellow, with large, bright yellow trumpet; either for growing in pots or in the garden. Each, 25c.; \$2.25 per doz.; per 100, \$15.00.

MICHELL'S SUPERB DOUBLE NARCISSUS



DOUBLE NARCISSUS

Many varieties of Double Narcissus can be used for forcing, for which purpose they are highly desirable. Plant in a pan or pot anywhere from 3 to 12 bulbs, according to size of bulb and pan. We offer large bulbs only. Parcel post Weight of Double Narcissus, 1 1/4 lbs. per dozen; per 100, 10 lbs. Single bulbs mailed free.

Alba Plena Odorata. A very sweet-scented pure white variety called Double Poet's Narcissus; it flowers later than many of the other daffodils and is not desirable for forcing; height about 15 inches. 6c. each; per doz., 60c.; \$3.75 per 100; \$32.50 per 1000.

Double Jonquils (Sweet Scented). Pure golden yellow; deliciously fragrant. Clumps of these planted outdoors make a beautiful effect. Height, 12 inches. 6c. each; doz., 60c.; \$4.00 per 100; per 1000, \$32.50.

Incomparable Double. On account of the peculiar suffusion of the colors in the flower, this variety is also known as "Butter and Eggs." The color is yellow and orange, and makes an attractive cut bloom. Its greatest value is for outdoor planting, as it does not force so well. Height about 16 inches. 8c. each; per doz., 75c.; \$5.00 per 100; per 1000, \$42.50.

Orange Phoenix. Light yellow, almost white, with a yellow center. It is splendid for forcing or pot culture. It is also called "Eggs and Bacon." Height, 16 inches. 9c. each; per doz., 85c.; \$5.50 per 100; per 1000, \$47.50.

Sulphur, or Silver Phoenix. Flowers very large, bluish-white; the center is sulphur colored; excellent for forcing or outdoor planting. Height about 18 inches. 9c. each; per doz., 85c.; \$5.50 per 100; per 1000, \$47.50.

Von Sion (Telamonius Plenus). The true double daffodil. The color is a pure golden yellow, entirely free from green-tipped flowers, which are often found in cheap grades. For forcing or outdoor planting it has no equal. It should be planted extensively for naturalizing.

	Each	Doz.	100	1000
First Size Bulbs.....	\$0.09	\$0.85	\$5.50	\$47.50
Mammoth Size Bulbs.....	.10	.95	5.75	52.50
Monster Bulbs, producing three or more flowers per bulb. 11c. each; per doz., \$1.15; \$7.50 per 100; per 1000, \$65.00.				

SWEET SCENTED JONQUILS

These delightful flowers are especially graceful when grown in pans or pots, but do equally well outdoors. The slender foliage stalks enhance a most fragrant flower borne in clusters of 2 to 4.

Single Jonquils. Rich yellow; very fragrant; height 12 inches. 6c. each; per doz., 60c.; \$4.00 per 100; per 1000, \$32.50.

Double Jonquils. Flowers very double; deep golden-yellow; height 12 inches. 6c. each; per doz., 60c.; \$4.00 per 100; per 1000, \$32.50.

Campernelle Rugulosus. Single yellow; larger than the plain Campernelle. 7c. each; per doz., 65c.; \$4.50 per 100; per 1000, \$40.00.

Parcel Post Weight of Jonquils, 1/2 lb. per doz.; per 100, 3 lbs.



MICHELL'S NARCISSUS FOR GROWING IN WATER



POLYANTHUS NARCISSUS

This class of Narcissus is a most interesting one. They may be grown in water and pebbles like Chinese lilies, but they are equally suited for growing in soil. The flowers are produced in clusters, like the illustration, and they are delightfully fragrant. Not suitable for outdoors. Parcel Post Weight of Polyanthus Narcissus, 2 lbs., per doz.; per 100, 12 lbs.

Double Roman. White perianth, with an orange and yellow suffused cup; very free flowering and early. 7c. each; per doz., 60c.; \$3.75 per 100; per 1000, \$30.00.

Gloriosa. White perianth and orange yellow cup; very pretty. 10c. each; per dozen, 85c.; \$5.75 per 100; per 1000, \$50.00.

Grand Monarque. Large, broad, white perianth with a primrose-yellow cup; a very striking flower. 8c. each; per doz. 75c.; \$4.25 per 100; per 1000, \$35.00.

Grand Primo. Large white perianth with yellow cup. 7c. each; per doz., 70c.; \$4.00 per 100; per 1000, \$32.50.

Grand Soleil d'Or (often called "Yellow Paperwhite"). Rich yellow, with deep red cup. For cutting this is a fine variety. 9c. each; per doz., 90c.; \$5.75 per 100; per 1000, \$50.00.

Paper White Grandiflora. This is quite a specialty with us; of it alone we import two million bulbs. It is a pure white flowering sort; used extensively for forcing, as it can be brought into bloom in 8 weeks time.

	Each	Doz.	100	1000
First Size Bulbs.....	\$0.07	\$0.60	\$4.00	\$32.50
Mammoth Bulbs .....	.08	.75	5.00	40.00
Giant Bulbs .....	.12	1.25	7.50	65.00

White Pearl. A large pure white; very exquisite. 10c. each; per doz., 90c.; \$5.75 per 100; per 1000, \$50.00.

Polyanthus Narcissus, Mixed. All colors and varieties. 7c. each; per doz., 75c.; \$5.00 per 100; per 1000, \$40.00.

MAMMOTH FLOWERING CHINESE LILIES

Place from 3 to 6 bulbs in a bowl on top of pebbles to the depth of 2 inches; place a piece of charcoal with the pebbles to keep the water sweet. Place more pebbles around the bulbs so they will not topple over and then fill the bowl with water to the top of pebbles. After being planted they should be stored for three weeks in a cool, dark corner and then brought forth to a light but cool place. They may also be grown in pots with soil or sand, bulb fibre and moss.

	Each	Doz.	Basket of 30 Bulbs
Large Bulbs	\$0.20	\$2.25	\$5.00
Mammoth Bulbs .....	.25	2.75	6.00

Parcel Post Weight of Chinese Lilies, 4 lbs. per dozen.

GOLDEN CHINESE LILY

A beautiful variety. The centre cup is deep yellow while the perianth is lighter. Treat exactly the same as the regular Chinese Lily. Very fragrant.

Large Bulbs, 9c. each; doz., 90c.; per 100, \$5.75; per 1000, \$50.00.

Pebbles for Chinese Lilies. Carefully screened and selected. 10c. per qt.; 60c. per peck; bushel, \$1.75; \$4.00 per barrel. (Pebbles cannot be mailed.)

MICHELL'S CHOICE GARDEN NARCISSUS.



MEDIUM TRUMPET NARCISSUS

This class is also a very popular type of the Narcissus or Daffodil family. Splendid for garden culture, also for growing indoors in pots or pans. The number prefixed before the variety denotes the height.

- 20 **Barrii Conspicuus**. Broad, spreading perianth of pale yellow, darker yellow cup; excellent for cutting. 8c. each; doz., 75c.; \$4.75 per 100; per 1000, \$40.00.
- 12 **Leedsii, Mrs. Langtry**. A very free flowering sort with pure white perianth, and delicate primrose cup; good for pots and largely used for naturalizing. 8c. each; doz., 75c.; \$4.75; per 100; per 1000, \$40.00.

THE OLD-FASHIONED POET'S NARCISSUS

This class is noted for its hardiness and freedom of bloom. It is one of the most popular types, used extensively for wild gardening and naturalizing. They are quite fragrant and are splendid for cut flowers.

- 12 **Biflorus**. White perianth; yellow cup; very fragrant; two to three flowers appear on a single stalk; flowers late. 8c. each; doz., 75c.; \$4.75 per 100; per 1000, \$40.00.
- 15 **King Edward VII**. An improved type, having magnificent large flowers with broad, round petals of a glistening white; the yellow cup is edged deep red; a very early flowering variety. 10c. each; doz., \$1.00; \$7.00 per 100; per 1000, \$62.50.
- 24 **Poetaz Elvira**. This remarkable novelty is the result of a cross between the Pheasant Eye and the Polyanthus Narcissus, combining hardiness with the cluster flowering effect. The blooms which are pure white of remarkable substance with delicate yellow cup never come less than 3 to 4 to a long stem and from 2 to 3 stems are produced from a single bulb. The fragrance is distinct, resembling that of a Gardenia. It forces well and early. Each, 9c.; 85c. per doz.; per 100, \$5.50; \$47.50 per 1000.
- 12 **Poeticus Ornatus**. A much improved form of the ordinary Poeticus, producing larger flowers and blooming two weeks earlier; especially adapted for forcing; mid-season.

	Each	Doz.	100	1000
First-size Bulbs	\$0.06	\$0.50	\$3.25	\$27.50
Mammoth Bulbs .....	.07	.70	4.25	37.50

HARDY NARCISSUS IN MIXTURE

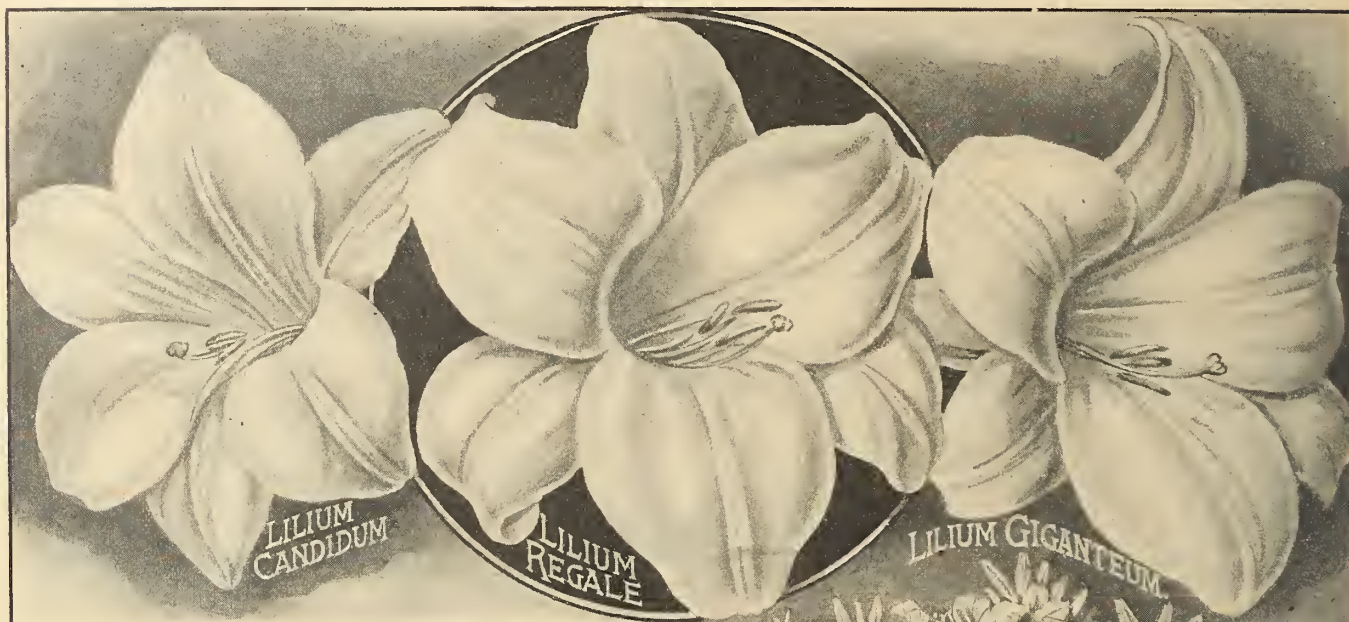
For massing in borders, fields, woods and, in fact, anywhere, they more than return their cost in the liberal manner in which they flower, producing a wide range of color and variety of bloom. We offer large size bulbs only, which can be depended upon for results the first season.

Single Varieties. 55c. per doz.; per 100, \$3.75; \$32.50 per 1000.

Double Varieties. 55c. per doz.; per 100, \$3.75; \$32.50 per 1000.



MICHELL'S SUPERB LILY BULBS



MICHELL'S EASTER LILY BULBS

For Indoor Culture

Cultural Note—In order to obtain best results, attention to the following directions will assist materially: Upon receiving the bulbs, pot them immediately. Place a handful of well-rotted cow manure in the bottom of the pot and place the bulb directly on top, covering it with soil. After watering, place in an outside pit and protect from the direct rays of the sun; cover well with soil, ashes or any other suitable litter. When the bulbs have become thoroughly rooted, bring inside, in a temperature of about 60 degrees; let the plants grow slowly under a bench or some other suitable place until about 6 inches high; then place on top of the bench. About two months before Easter they can be brought into a warmer temperature and gradually forced into flower and height at one time. An occasional application of liquid cow manure, starting about six weeks before flowering time, will stimulate the plant wonderfully. Thorough rooting is the most essential point.

LILIIUM FORMOSUM

(The Formosa Easter Lily)

Similar to the Bermuda Lily.

Dark Stemmed Type

	P. P.	Wt. per doz.	Each	Doz.	100
7 to 9 inches circum.,	3½ lbs.	\$0.60	\$ 6.00	\$45.00	
9 to 10 inches circum.,	5 lbs.	.75	8.00	60.00	
10 to 12 inches circum.,	7 lbs.	1.00	10.00		
Monster Bulbs	9 lbs.	1.25	12.50		

LILIIUM LONGIFLORUM GIGANTEUM (True)

	P. P.	Wt. per doz.	Each	Doz.	100
6 to 8 inches, circum.,	2½ lbs.	\$0.40	\$ 4.00	\$30.00	
7 to 9 inches circum.,	3½ lbs.	.60	6.00	45.00	
9 to 10 inches circum.,	5 lbs.	.75	8.00	60.00	
Monster Bulbs,					
10 to 12 inches circum.,	7 lbs.	1.25	12.50		

LILIIUM LONGIFLORUM "AZORES"

A splendid strain, grown at the "Azores," producing strong, uniform flowers. Free from disease.

	Each	Doz.	100
6 to 7 inches circum.	\$0.40	\$ 4.00	\$30.00
7 to 9 inches circum.	.60	6.00	45.00
9 to 11 inches circum.	1.00	11.00	

6 Bulbs of any one variety at dozen rate; 25 at 100 rate; 250 at 1000 rate.



LILIIUM CANDIDUM

(Madonna Lily)

This variety is sometimes called St. Joseph's, Madonna, or Annunciation Lily. One of the most popular and satisfactory of the American garden lilies. Pure waxy white flowers produced on straight stems bearing anywhere from 10 to 30 blooms of good size and substance; delightfully fragrant. Effective planting is the result of massing them in clumps or borders. Our bulbs are grown in Northern France, where they have a reputation of growing the finest in the world. To insure absolute success, plant the bulbs as early as possible—September preferred—6 inches deep, imbedded in sand and placed on their side; height, 4 feet; blooms in June.

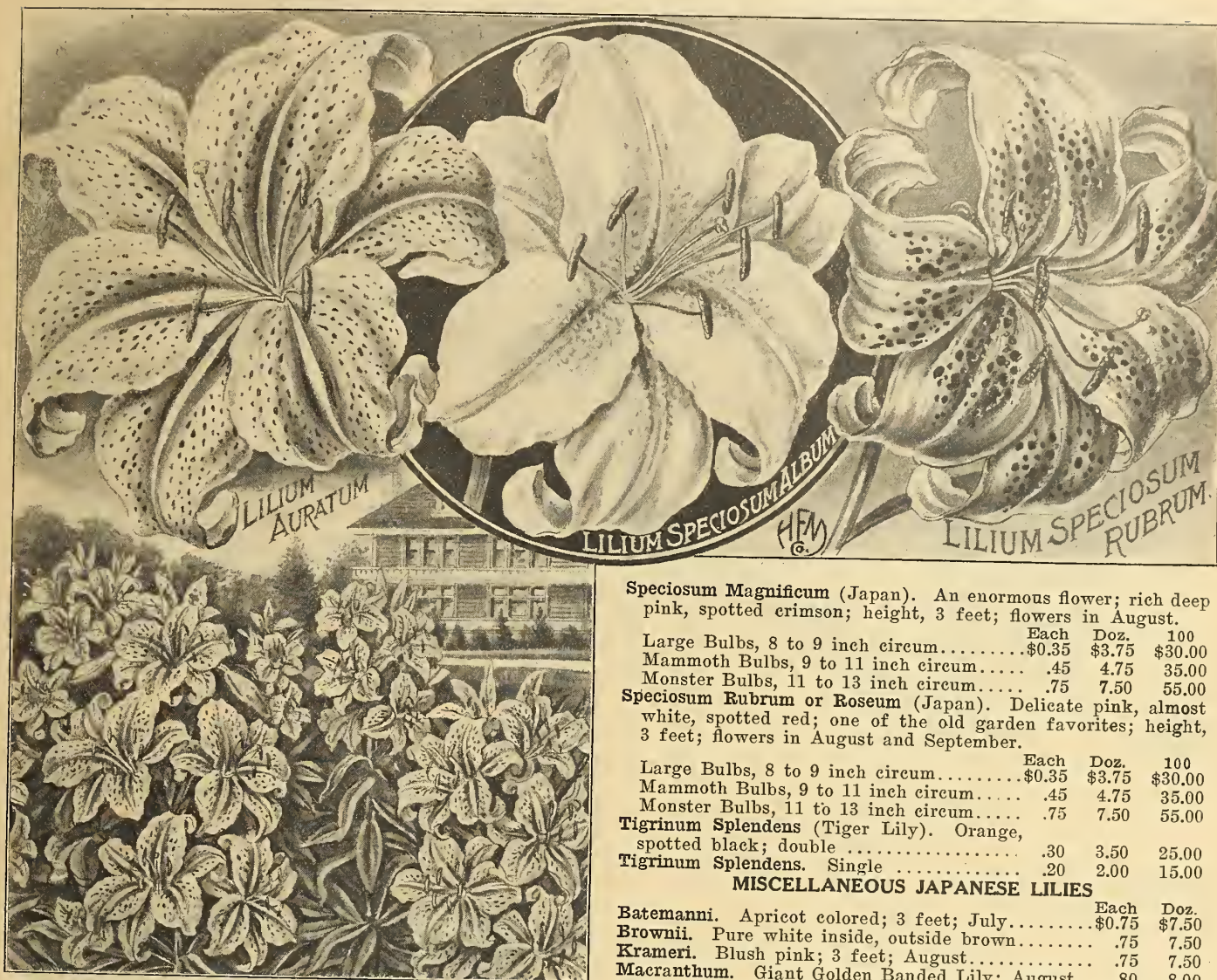
	Each	Doz.	100
Large Bulbs	\$0.15	\$1.50	\$ 9.00
Mammoth Bulbs	.20	2.00	12.50
Monster Bulbs	.25	2.50	17.50

Cow Manure (Shredded). One sack of this is equal to one cartload of fresh cow manure, making it possible for every one to get this usually scarce article at all times. Excellent for mixing with soil when potting bulbs, especially lilies. 100 lbs., \$3.50; 500 lbs., \$16.50; 1000 lbs., \$30.00; ton, \$55.00.

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MICHELL'S HARDY GARDEN LILIES

13



Speciosum Magnificum (Japan). An enormous flower; rich deep pink, spotted crimson; height, 3 feet; flowers in August.

	Each	Doz.	100
Large Bulbs, 8 to 9 inch circum.....	\$0.35	\$3.75	\$30.00
Mammoth Bulbs, 9 to 11 inch circum.....	.45	4.75	35.00
Monster Bulbs, 11 to 13 inch circum.....	.75	7.50	55.00

Speciosum Rubrum or **Roseum** (Japan). Delicate pink, almost white, spotted red; one of the old garden favorites; height, 3 feet; flowers in August and September.

	Each	Doz.	100
Large Bulbs, 8 to 9 inch circum.....	\$0.35	\$3.75	\$30.00
Mammoth Bulbs, 9 to 11 inch circum.....	.45	4.75	35.00
Monster Bulbs, 11 to 13 inch circum.....	.75	7.50	55.00

Tigrinum Splendens (Tiger Lily). Orange, spotted black; double .....	.30	3.50	25.00
Tigrinum Splendens . Single .....	.20	2.00	15.00

MISCELLANEOUS JAPANESE LILIES

	Each	Doz.	
Batemanni . Apricot colored; 3 feet; July.....	\$0.75	\$7.50	
Brownii . Pure white inside, outside brown.....	.75	7.50	
Krameri . Blush pink; 3 feet; August.....	.75	7.50	
Macranthum . Giant Golden Banded Lily; August..	.80	8.00	
Rubro-Vittatum . Spotted, purplish crimson	1.00	10.00	
Wittei . Very fragrant; white, yellow band.....	1.25	12.50	

AMERICAN OR NATIVE LILIES

	Each	Doz.	100
Canadense (Canadian Bellflower Lily). Bright yellow flowers, spotted black inside; June and July; 2 feet.....	\$0.20	\$2.00	\$15.00
Canadense Rubrum . Same type as above; crimson with black spots .....	.30	3.00	17.00
Elegans, Leonard Joerg . Rich apricot pink. ....	.20	2.00	15.00
Hansoni . Often grows from 3 to 5 feet high; reddish orange, 8 to 12 in a cluster. ....	.75	7.50	50.00
Henryi (The Yellow Speciosum Lily). Tall grower, often 7 feet; produces flowers of a distinct orange yellow in great profusion. ....	.75	7.50	50.00
Superbum (Turk's Cap Lily). One of the best lilies for all purposes; will grow from 3 to 6 feet high and produce from 15 to 25 orange red flowers on a stalk.....	.25	2.50	15.00
Tenuifolium (Coral Lily). Brilliant scarlet, bell-shaped flowers, of rather small size, hanging downward on a tree-like plant... ..	.20	2.50	17.00
Umbellatum . A showy, massive lily, flowering in June; the broad, open flowers appear upwards from 5 to 8 on a stout stalk, 3 ft. high; color, orange scarlet....	.20	2.50	17.00

LILIAM REGALE (Myriophyllum)

Introduced from China; absolutely hardy; also splendid for forcing; white suffused with pink, shaded canary-yellow. (See illustration on page 12.) \$1.00 each; doz., \$10.00.

Cultural Directions: All Hardy Lilies should be planted from 6 to 8 inches deep, the Japan varieties even 12 inches deep; the bulbs should be completely enveloped in sand; no manure should come in contact with the bulbs, but may be placed 4 to 6 inches underneath. All loose petaled bulbs should be planted on their side instead of upright. Hardy Lilies are sometimes grown in pots for indoor blooming, in which case they are handled much like the Bermuda Easter Lilies.

JAPANESE LILIES

Auratum (Golden Banded Lily from Japan). Enormous, measuring frequently 8 to 12 inches across; pure white, spotted crimson; each petal is marked in the center with a band of yellow. Flowers in August; delightfully fragrant.

	Each	Doz.	100
Large Bulbs, 8 to 9 inch circum.....	\$0.35	\$3.75	\$30.00
Mammoth Bulbs, 9 to 11 inch circum.....	.45	4.75	35.00
Monster Bulbs, 11 to 13 inch circum.....	.75	7.50	55.00

Melpomene (Japan). Rich deep pink, spotted dark red; free blooming and robust in growth.

	Each	Doz.	100
Large Bulbs, 8 to 9 inch circum.....	\$0.35	\$3.75	\$30.00
Mammoth Bulbs, 9 to 11 inch circum.....	.45	4.75	35.00
Monster Bulbs, 11 to 13 inch circum.....	.75	7.50	55.00

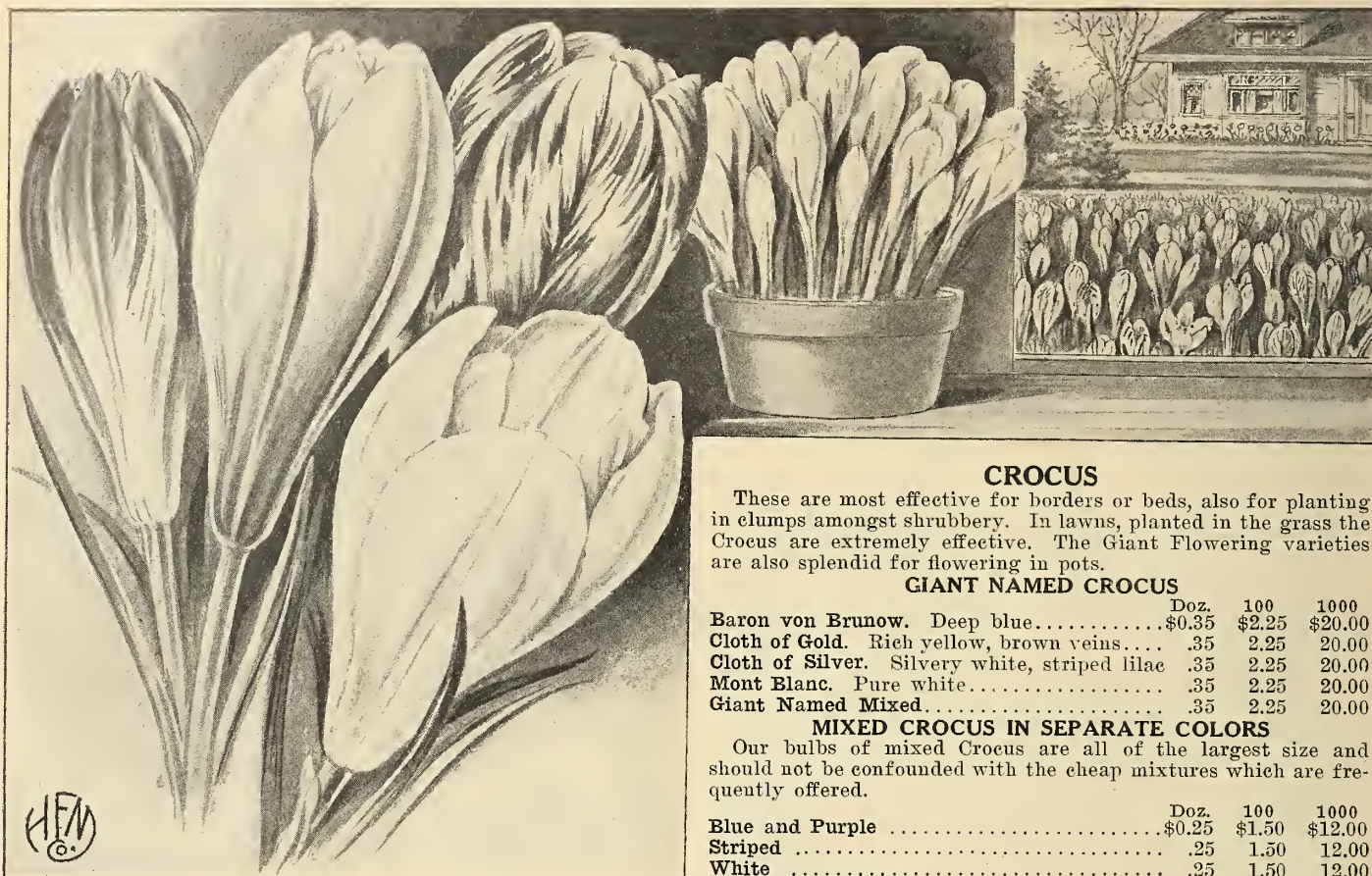
Speciosum Album (Japan Lily). The best late flowering pure white hardy garden lily; of easy culture. The slender graceful stems and foliage are set off to wonderful advantage by the glistening pure white blooms.

	Each	Doz.	100
Large Bulbs, 8 to 9 inch circum.....	\$0.35	\$3.75	\$30.00
Mammoth Bulbs, 9 to 11 inch circum.....	.45	4.75	35.00

6 Bulbs of any variety at dozen rate; 25 at 100 rate; 250 at 1000 rate.

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MICHELL'S MISCELLANEOUS BULBS For Winter and Spring Flowering



CROCUS

These are most effective for borders or beds, also for planting in clumps amongst shrubbery. In lawns, planted in the grass the Crocus are extremely effective. The Giant Flowering varieties are also splendid for flowering in pots.

GIANT NAMED CROCUS

	Doz.	100	1000
Baron von Brunow. Deep blue.....	\$0.35	\$2.25	\$20.00
Cloth of Gold. Rich yellow, brown veins....	.35	2.25	20.00
Cloth of Silver. Silvery white, striped lilac	.35	2.25	20.00
Mont Blanc. Pure white.....	.35	2.25	20.00
Giant Named Mixed.....	.35	2.25	20.00

MIXED CROCUS IN SEPARATE COLORS

Our bulbs of mixed Crocus are all of the largest size and should not be confounded with the cheap mixtures which are frequently offered.

	Doz.	100	1000
Blue and Purple	\$0.25	\$1.50	\$12.00
Striped .....	.25	1.50	12.00
White .....	.25	1.50	12.00
Yellow. First size.....	.25	1.50	12.00
Yellow. Mammoth size .....	.40	2.50	20.00
Yellow. Giant size .....	.60	3.25	27.50
Mixed. All colors.....	.25	1.50	12.00

Dozen lots of Crocus mailed free.

Weight, per 100, 2 lbs.

Michell's Giant Named Crocus

AMARYLLIS

One of the most gorgeous, showy house plants, giving splendid satisfaction, not only because of their requiring little care, but of their everlasting nature and tendency to increase.

Cultural Directions.—Place bulbs in live moss, only moderately moist, near window of a warm room. Watch the bulbs carefully, and when the first sign of growth appears through the top, get a six-inch pot and be ready to pot them up. The soil to be used should be fairly rich and when the bulb is set, most of it should be above the soil. Be moderate in watering first, but increase as growth increases, then place in a warm, light room near the window.

Belladonna. A beautiful bright pink. 40c. each; doz., \$4.00; \$30.00 per 100.

Hybrids of Vittata. Striped and flaked. 75c. each; doz., \$7.50.

Johnsoni. Crimson, striped white. Large bulbs, 60c. each; doz., \$6.00.

CALLA LILY BULBS

Callas require good, rich soil and plenty of warmth and water to make them thrive. Plant Callas indoors only.

GODFREY DWARF EVERBLOOMING CALLA (New)

This comparatively new calla has proven an excellent one; its character is exactly like the *Aethiopica* or regular variety, except it is of much dwarfer habit and freer bloomer; very desirable as a pot plant. Large blooming size bulbs, 25c. each; doz., \$2.75; \$17.50 per 100.

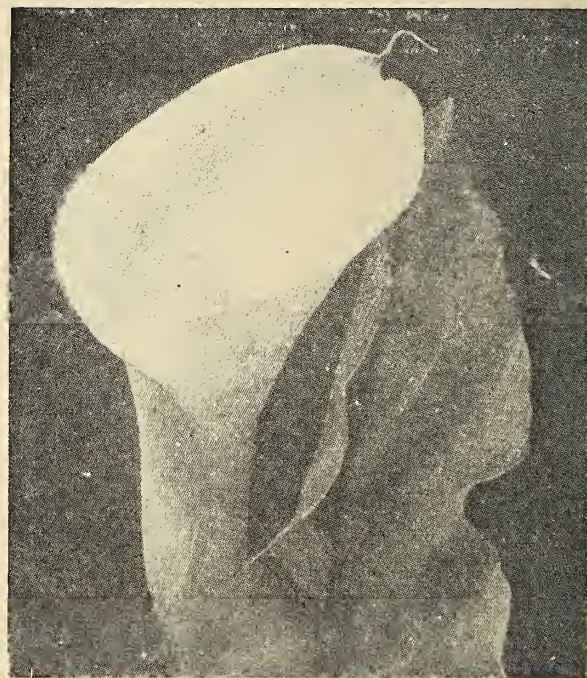
CALLA AETHIOPICA

	Each	Doz.	100
White, Monster Size, 2 to 2½ in. diam.....	\$0.50	\$5.00	\$35.00
" Mammoth Size, 1¾ to 2 in. diam.....	.35	3.25	22.00
" Medium Size, 1½ to 1¾ in. diam.....	.25	2.25	15.00
" First Size, 1¼ to 1½ in. diam.....	.15	1.50	10.00

YELLOW CALLA (*Elliottiana*)

(Ready in November)

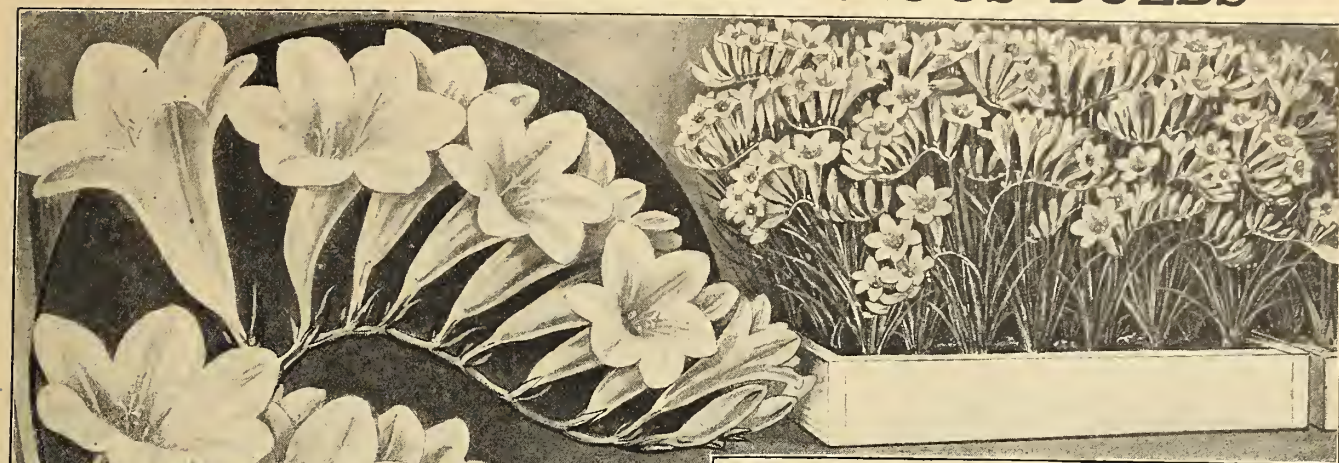
The deep golden yellow flowers are magnificent, and produced in abundance. The foliage is green, spotted creamy white. 35c each; doz., \$3.75; \$25.00 per 100.



Calla Aethiopica

6 Bulbs of any one variety at dozen rate; 25 at 100 rate; 250 at 1000 rate.

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Michell's Purity Freesia

GLADIOLUS (For Forcing)

THE BRIDE (Colvillei Alba). Pure white. Per doz., \$1.00; \$6.00 per 100.

LILY OF THE VALLEY (Ready in December)

A beautiful pure white flower; principally used for winter forcing. Very fragrant and produced in abundance. For indoor culture plant about 25 pips or roots in a 7-inch pot or pan, place outside, where they should be left until they have been subjected to several nights' freezing, which brings them into flower more readily. When grown outdoors always plant in a shaded place, preferably moist. Parcel Post Weight, 6 lbs. per 100.

Michell's Fancy Giant Flowering. The finest strain of Valley procurable. Per doz. \$1.00; \$6.00 per 100; per 1000, \$55.00.

Clumps. Ready in November. For outdoor planting only. 50c. per clump; per doz., \$5.00; \$40.00 per 100.

OXALIS

For conservatory, greenhouse and window garden culture the Oxalis is ideal. It succeeds anywhere and with any one, flowering often in 6 to 8 weeks after planting.

	Each	Doz.	100
Grand Duchess. Yellow.....	\$0.05	\$0.40	\$2.00
" " White .....	.05	.40	2.00
" " Pink .....	.05	.40	2.00
" " Lavender .....	.05	.40	2.00
Bermuda Buttercup. Yellow, first size....	.05	.40	2.00
" " Mammoth bulbs.....	.07	.75	4.00
Bowei. Large flowering; rich pink.....	.05	.45	2.50

FREESIA "PURITY"

This grand type supersedes all the old varieties of Freesias. The flowers are almost twice the size of the regular type; they also differ somewhat, being a pure glistening white; the stems are often 15 inches long and very wiry, rendering it a most valuable cut flower. Each bulb will produce 3 or 4 flower stems.

	Each	Doz.	100	1000
First Size Bulbs	\$0.04	\$0.35	\$2.00	\$17.50
Mammoth Size Bulbs .....	.05	.50	2.75	22.50
Monster Size Bulbs	Stock exhausted			
Jumbo Bulbs	" "			

NEW COLORED FREESIAS

Equal in size to the "Purity." These colored Freesias produce flowers of excellent form and splendid texture.

	Each	Doz.	100		Each	Doz.	100
Blue	\$0.15	\$1.50	\$10.00	Pink	\$0.15	\$1.50	\$10.00
Lavender . . .	.15	1.50	10.00	Mixed ...	.10	1.00	7.50



16 MICHELL'S "DISTINCTIVE" FLOWER SEEDS

FOR AUTUMN AND EARLY WINTER SOWING

For Complete List of Our List of Flower Seeds, see Our General Catalogue for 1920

ACHILLEA (Milfoil or Yarrow)

Ptarmica, Fl. Pl., "The Pearl." Tall, erect plant bearing its pure white double flowers in great profusion all summer; hardy perennial; 2 feet... \$0.65 \$0.10

ACONITUM

(Monk's Hood or Helmet Flower)

Hardy perennial, thriving best in semi-shady situations; effective in hardy borders, shrubberies, etc., curious hood-shaped flowers in clusters; height, 4 feet; August-September.

Napellus. Blue Large Pkt. Pkt. \$0.30 \$0.05

AGROSTEMMA

(Rose of Heaven, Mullein Pink)

Coronaria. Stout erect growing plants with silvery foliage and bright crimson flowers; hardy perennial; 2½ to 3 feet; June to August..... .20 .05

ALYSSUM

One of the most popular garden flowers; remaining in bloom the entire season; used for edging or in rockeries or vases; also useful for winter flowering.

Lilac Queen. Of dwarf compact growth, with flowers of a pure lilac color; 4 inches..... Large Pkt. Pkt. \$0.40 \$0.10

Little Dorritt. Extremely dwarf and compact, forming perfect little bushes with miniature white flowers; ideal for narrow edges..... .20 .05

Little Gem. Dwarf compact plants, densely covered with large white flowers; height, 4 inches. oz. 75c. .20 .05

Sweet. The popular old-fashioned sort, the best for broad edges and vases. Pure white; height, 6 inches..... .20 .05

Saxatile Compactum (Basket of Gold). An ideal hardy perennial plant, flowering in May; showy golden yellow flowers; 1 foot..... .25 .05

AMPELOPSIS

(Boston or Japanese Ivy)

Veitchi. A hardy perennial climber with olive-green leaves, which turn to scarlet in the autumn. The best hardy vine for covering brick or stone buildings or walls20 .10

ANCHUSA (Sea Bugloss)

Italica "Dropmore." A very popular strong growing hardy perennial plant, 4 feet high, with an abundance of beautiful flowers of a lovely gentian blue30 .15

ANEMONE (Wind Flower)

A dainty spring flower with bright cup-shaped blossoms; splendid for cutting; perennial.

Coronaria Mixed. All colors; 1 foot..... Large Pkt. Pkt. \$0.20 \$0.05

St. Brigid, or Poppy. Flowers large, semi-double and double, in many colors; 1 foot..... .40 .15

ANTHEMIS (Hardy Marguerite)

Tinctoria Kelwayi. A handsome hardy perennial, bearing all summer, daisy-like, bright yellow flowers; excellent for cutting; 2 feet..... .30 .10

ARABIS (Rock Cress)

Alpina. Early spring flowering plants especially adapted for edging and rockery; plants form a dense carpet completely covered with pure white blossoms; perennial; April-May; 6 inches..... .20 .05

Testimonial

Toronto, Ont., Canada.

Gentlemen:

Kindly fill order for the amount enclosed. I may say that the seeds purchased from you last season were highly satisfactory.

Yours truly,
G. T. P.

ANTIRRHINUM (Snapdragon)

A splendid plant for beds or borders and one of our choicest cut flowers; extensively forced under glass during the winter.

MICHELL'S GIANT ANTIRRHINUMS

This strain produces stout heavy spikes, 2 to 3 feet in length with giant flowers of the purest colors.

MicHELL's Giant Salmon Pink. A valuable addition to this popular flower; long spikes of a delicate salmon pink color..... Large Pkt. Pkt. \$0.50 \$0.15

Silver Pink. A fine variety; long spikes and a profuse bloomer. Original pkt., \$1.00.

Giant Garnet25 .10

Giant Pink25 .10

Giant Scarlet25 .10

Giant Striped25 .10

Giant Venus. Shell pink on white ground..... .40 .15

Giant White25 .10

Giant Yellow25 .10

Giant Mixed. All colors oz. 90c. .25 .10

Collection, one packet each six colors, 50c.

Tall Mixed. Regular strain. Pkt., 5c.; 20c. large pkt; oz., 75c.

SEMI-DWARF ANTIRRHINUMS

The plants grow but 18 in. high, but have extreme large flowers over most part of the stem; excellent for bedding.

Bride. Pure white. Pkt., 10c.; 30c. large pkt.

Captivation. Rich chamois, shaded pink. Pkt., 25c.; 65c. per 3 pkts.

Daphne. Carmine pink, white throat. Pkt., 10c.; 25c. large pkt.

Defiance. Fiery scarlet. Pkt., 10c.; 25c. large pkt.

Firebrand. Rich deep red. Pkt., 10c.; 25c. per large pkt.

Golden Queen. Golden yellow, giant flowers. Pkt., 10c.; 25c. large pkt.

Mont Blanc. Pure white. Pkt., 10c.; 25c. per large pkt.

Pink Gem. Rose pink. Pkt., 25c.; 65c. per 3 pkts.

Rose Queen. Rich rose. Pkt., 10c.; 25c. per large pkt.

Mixed. All colors. Pkt., 10c.; 25c. large pkt.; per oz., \$1.00.

DWARF ANTIRRHINUMS

The Dwarf or Tom Thumb varieties are excellent for bedding; also for edges. Height, 12 inches.

Tom Thumb Mixed. All colors. Pkt., 10c.; 25c. large pkt.

Ask for Cultural Leaflet No. 201 on the growing of Antirrhinums.



Antirrhinum (Snapdragon)



Aquilegia (Columbine) Long Spurred

AQUILEGIAS OR COLUMBINES

These are among the most beautiful of spring and early summer flowers; very effective when grown in the herbaceous border and groups among shrubbery. Graceful spurred flowers on stems 2 feet or more above the foliage.

	Large Pkt.	Pkt.
<i>Californica Hybrida</i> . Mixed colors; long spurs.....	\$0.40	\$0.10
<i>Chrysanthia</i> . (Golden Spurred). Bright golden yellow.....	.50	.10
<i>Coerulea</i> (Rocky Mountain Columbine). Large flowers, violet, blue and white.....	.40	.10
<i>Flabellata Nana Alba</i> . Dwarf; pure white.....	.20	.10
<i>Haylodgensis Delicatissima</i> . Satiny rose.....	.50	.20
<i>Long Spurred Hybrids</i> . Flowers of many rich and varied colors, with long spurs.....	.40	.10
<i>Rose Queen</i> . Pink, white center, yellow anthers...	.50	.15
<i>Double Mixed</i> .....oz., 75c.	.20	.05
<i>Single Mixed</i> .....oz., 90c.	.20	.05

ASPARAGUS

	100 Seeds.	Pkt.
<i>Hatcheri</i> . Of dense and symmetrical growth; dainty fern-like fronds set close together along the stalk; valuable for decorative use, also for specimen pot plants.....	\$1.00	\$0.25
<i>Plumosus Nanus</i> . An excellent plant for house or conservatory decoration or cutting on account of its graceful, finely cut foliage; will remain fresh a long time after being cut.....	1.00	.25
<i>Sprengeri</i> . One of the best plants to grow in hanging baskets or window boxes for the greenhouse in winter or for outdoors in the summer.....	.50	.10

ASPERULA (Woodruff)

	Large Pkt.	Pkt.
<i>Odorata</i> . Dwarf spring flowers of purest white; thrives in shady situations; perennial; 1 ft.; May.....	\$0.30	\$0.05

ASTER, PERENNIAL (Michaelmas Daisy)

	Large Pkt.	Pkt.
<i>Choice Mixed</i> . One of the showiest of our late flowering perennial plants and very effective in borders or groups. Star-like single flowers; 2 to 3 feet....	\$0.30	\$0.10

AURICULA (Primula Auricula)

	Large Pkt.	Pkt.
<i>Choice Mixed</i> . These early flowering perennial plants resemble primroses and have multi-colored flowers in great variety; 6 inches; May.....	\$0.65	\$0.10

BAPTISIA (False Indigo)

	Large Pkt.	Pkt.
<i>Australis</i> . A strong growing perennial plant about 2 feet high, with dark green, deeply cut foliage and spikes of dark blue flowers in June and July.....	\$0.25	\$0.05

BEGONIA (Semperflorens Type)

The following varieties are extensively used for bedding; they are also excellent for pot plants for winter flowering.

	Large Pkt.	Pkt.
<i>Erfordia</i> ...Delicate pink, one of the choicest.....	\$0.65	\$0.15
<i>Salmon Queen</i> . Flowers brilliant salmon red; foliage dark green, with reddish hue.....	.65	.20
<i>Vernon</i> . Deep red flowers and bronzy-red foliage..	.30	.10
<i>Choice Mixed</i> . All sorts and varieties.....	.40	.10

BEGONIA, GRACILIS

	Large Pkt.	Pkt.
<i>Gracilis Alba</i> . Pure white.....	\$0.40	\$0.15
<i>Gracilis Luminosa</i> . Deep red.....	.50	.20
<i>Gracilis Prima Donna</i> . Rose, shading to carmine..	.65	.20
<i>Gracilis Rosea</i> . Light pink.....	.40	.15

BEGONIA, TUBEROUS ROOTED

These magnificent flowers are becoming very popular because they are of easy culture and extremely showy. Thrive in semi-shady situations.

	Large Pkt.	Pkt.
<i>Double Choice Mixed</i>	\$0.50	
<i>Single Choice Mixed</i>	\$0.65	.15

Ask for Cultural Leaflet No. 220 on the growing of Begonias.

BELLIS PERENNIS See Daisy.

BOCCONIA (Plume Poppy)

	Large Pkt.	Pkt.
<i>Cordata</i> . A splendid hardy perennial, with glaucous green foliage and spikes 2 to 3 feet long of creamy white flowers; effective for single specimens or groups; 5 feet	\$0.20	\$0.05

BOLTONIA (False Chamomile)

	Large Pkt.	Pkt.
<i>Latisquama</i> . A showy hardy perennial, with large single daisy-like flowers; color, pink, tinged with lilac; 4 to 6 feet; July to September.....	\$0.30	\$0.10

BROWALLIA

Elegant free flowering plants; blooms finely in the winter if the plants are lifted and cut back; 18 inches.

	Large Pkt.	Pkt.
<i>Elata Coerulea</i> . Sky-blue flowers	\$0.25	\$0.05
<i>Speciosa Major</i> . Large ultramarine blue flowers; desirable as a pot plant for winter and spring flowering .....	.50	.10

CALCEOLARIA

A favorite for decorating the greenhouse or conservatory. Our strains have a wide reputation as to large size, rich and varied colors of the flowers.

	Large Pkt.	Pkt.
<i>Hybrida Grandiflora</i> , Tall Mixed. Large flowering, rich self-colored flowers saved from a choice collection; 18 inches	\$0.75	\$0.25
<i>Hybrida Grandiflora</i> , <i>Pumila Compacta</i> . Of dwarf, compact, robust growth, producing immense trusses of large and varied brilliant self-colored and spotted flowers; 1 foot.....	.75	.25
<i>Sutton's Perfection</i> . Choicest mixed. Original packet ..	1.25	

CALLIOPSIS (Coreopsis)

One of the finest hardy perennial plants, with large showy flowers produced in the greatest abundance from June till frost.

	Large Pkt.	Pkt.
<i>California Sunbeams</i> . Very large flowers, beautifully formed; various shades of yellow and brown	oz., 90c.	\$0.20 \$0.10
<i>Lanceolata Grandiflora</i> . Single golden yellow flowers of graceful form; invaluable for cutting; flowers uninterruptedly the entire summer....oz., 50c.	.20	.10

CAMPANULA MEDIA (Canterbury Bell)

Showy, hardy biennial, growing about 3 feet high; of pyramidal form and covered with large bell-shaped flowers. Sow from June 1st till September 1st; when strong enough transplant to a distance of 6 inches apart; after frost has set in protect with leaves and straw. They flower the following summer, after which they die.

	Oz.	Large Pkt.	Pkt.
Single Blue	\$0.75	\$0.20	\$0.05
Single Pink .....	.75	.20	.05
Single White .....	.75	.20	.05
Single Mixed .....	.60	.20	.05
Double Mixed	¼ oz., 50c.	.30	.05

CAMPANULA CALYCANTHEMA

(Cup and Saucer Canterbury Bells)

These produce beautiful, large single flowers, resembling a cup and saucer; very effective when grown in pots for conservatory decoration; they require the same treatment as above.

	Large Pkt.	Pkt.		Large Pkt.	Pkt.
Blue	\$0.40	\$0.10	White	\$0.40	\$0.10
Pink .....	.40	.10	Mixed, ¼ oz., 60c.	.30	.10

CAMPANULAS OR BELLFLOWERS**PERENNIAL VARIETIES**

These are among our best known hardy perennials, and deserve a place in every perennial flower garden; the tall varieties are fine for cutting while the dwarf sorts make excellent border plants; all have dainty bell-shaped flowers.

	Large Pkt.	Pkt.
Carpatica. (Carpathian Hare Bell). Free flowering; compact tufts not exceeding 8 inches; flowers clear blue, held erect; blooms in June and July.	\$0.25	\$0.05
Carpatica, Alba. Pure white .....	.25	.05
Persicifolia Grandiflora (Peach Bells). One of the finest of the hardy Bellflowers; spikes, 4 feet tall with blue bell-shaped flowers. ....	.40	.15
Persicifolia Grandiflora, Alba. Pure white. ....	.40	.15
Pyramidalis (Chimney Bell Flower). A stately plant either for garden or pot culture. Perfect pyramids 6 feet high crowded with large bell-shaped flowers, blue and white mixed. ....	.30	.05

Everett, Wash., January 20, 1920.

Gentlemen:

Please send us the enclosed order. Thanking you in advance, and will state that we have been using your flower seeds for a number of years with good results.

Yours truly,
E. F. C.



Candytuft, Michell's Giant White



Campanulas

CANDYTUFT (Iberis)

Splendid edging plants, flowering within six weeks after sowing; height, 1 foot. They are excellent for cutting.

	Oz.	Large Pkt.	Pkt.
Carmin. Carmin rose	\$0.40	\$0.20	\$0.05
Crimson .....	.40	.20	.05
Empress. An excellent variety with long trusses of pure white flowers. ....	.40	.20	.10
Lavender .....	.40	.20	.05
Little Prince. Very dwarf and compact with pure white flowers; excellent for edging. ..	.50	.20	.10
Michell's Giant White. The largest and finest white. From 10 to 12 immense spikes resembling Hyacinths appear on a single plant; fine for forcing. ....	.75	.20	.10
Pink .....	.50	.20	.05
Purple. Deep rich purple .....	.50	.20	.05
Choice Mixed. All colors. ....	.25	..	.05
Collection. One packet each, 6 varieties. ....	..	..	.25
Sempervirens. Dwarf spring flowering perennial plants; ideal for the bulb border; flowers of glistening white; May; 1 foot. ..	..	.50	.10

CARNATION (See next page)**CERASTIUM** (Snow in Summer)

Large Pkt. Pkt.

Tomentosum. Dwarf, white-leaved edging plant; flowers white; 4 inches.	\$0.40	\$0.15
		(oe)



Carnation

CARNATION

These are general favorites for their richness of color and delightful fragrance; they are desirable for greenhouse culture in winter as well as for the garden in summer. Large Pkt. Pkt. Chabaud's Everblooming Mixed. Blooms in five months after being sown, and continues to flower in the greatest profusion indefinitely.....\$0.50 \$0.15
 Choice Mixed. Double border varieties; a good strain for outdoor culture, flowering the second season.. .50 .10
 Early Vienna. Large double flowers in mixture... .40 .10

MARGUERITE CARNATIONS

These are the most satisfactory of the annual pinks, and will bloom in four months after sowing the seed. The flowers are large, fragrant and are produced continuously. If slightly protected, they will survive an ordinary winter and bloom freely the following spring.

	Large Pkt.	Pkt.
Excelsior Mixed. Extra large flowers	\$0.40	\$0.15
Pink .....	.40	.10
Scarlet .....	.40	.10
White .....	.40	.10
Yellow .....	.40	.10
Choice Mixed	oz. \$1.50	.25 .10

Ask for Cultural Leaflet No. 213 on the growing of Carnations from seed.

CINERARIA

One of the most ornamental and useful plants for conservatory or house decoration; seed may be sown from May to September for a succession. Our Grandiflora Prize Strain cannot be surpassed; immense trusses of large flowers, often measuring 4 inches across.

	Large Pkt.	Pkt.
Grandiflora Prize Dwarf. Mixed colors; plants of dwarf habit	\$0.75	\$0.35
Grandiflora Prize Medium Tall. Mixed colors; desirable as a decorative plant.....	.75	.35
Hybrida. Choice mixed colors.....	.65	.25
Matador. Large bright red flowers.....	.75	.35
Stellata (Sutton's). Medium sized star-like flowers. Original pkt.	1.00	
Stellata Hybrida. Of graceful and vigorous habit, producing a profusion of elegant flowers.....	.75	.25

Ask for Cultural Leaflet No. 203 on the growing of Cinerarias.

CLEMATIS

	Large Pkt.	Pkt.
Perennial climbers; fine for arbors, verandas, etc.		
Flammula. Feathery white, fragrant flowers.....	\$0.20	\$0.05
Paniculata (Japanese Virgin's Bower). The beautiful autumn-flowering variety, admired for its fragrant, white, star-shaped flowers.....	.20	.10

CENTAUREAS**CENTAUREA CYANUS (Cornflower or Bachelor's Button)**

Also known as Blue Bottle, Ragged Sailor, Bluet, etc.; an old favorite garden annual, flowering freely in almost any situation; excellent for cutting; 2 feet.

	Oz.	Large Pkt.	Pkt.
Double Blue. Large flowering.....	\$1.00	\$0.20	\$0.10
Emperor William. Deep blue .....	.40	.20	.05
Pink .....	.40	.20	.05
White .....	.40	.20	.05
Choice Mixed .....	.35	.20	.05
Double Mixed .....	.50	.20	.05

CENTAUREA IMPERIALIS

(Giant Cornflower, or Sweet Sultan)

Gigantic, beautiful, sweet-scented flowers borne on long stems. They are well adapted for cutting and remain fresh long after being cut. Height, 2 to 3 feet.

	Oz.	Large Pkt.	Pkt.
Deep Rose	\$1.00	\$0.25	\$0.10
Lavender	1.00	.25	.10
Lilac	1.00	.25	.10
Brilliant Pink	1.00	.25	.10
Purple	1.00	.25	.10
White	1.00	.25	.10
Choice Mixed .....	.75	.20	.10
Collection. One packet each above 6 colors..	..	..	.50

NEW GIANT FLOWERED CENTAUREA

Magnificent flowers produced on long, stout stems; excellent for cutting.

	Large Pkt.	Pkt.
Bride. Pure white	\$0.40	\$0.10
Bridegroom. Purple mauve .....	.40	.10
Honeymoon. Golden yellow .....	.40	.10

CENTAUREA (Perennial)

Large feathery flowers; splendid for cutting; blooms from July to September.

	Large Pkt.	Pkt.
Montana. Blue; 1 foot	\$0.30	\$0.10



Shasta Daisy, Alaska

CHRYSANTHEMUM (Perennial)

	Large Pkt.	Pkt.
King Edward VII. Flowers extra large; pure white and of perfect form.....	\$0.25	\$0.10
Shasta Daisy, "Alaska." Flowers are of extra large size, pure glistening white and borne on long stems ..	.50	.20

COLUMBINE (See Aquilegia)**COWSLIP (See Primula Veris)**



Michell's "Giant Show" Cyclamen

CYCLAMEN

Most beautiful winter and spring flowering plants for the window and greenhouse. Not only are the flowers of striking beauty, but the foliage is also highly ornamental.

MICHELL'S GIANT SHOW

Grown for us by a specialist who has received numerous first prizes for the large size and beautiful coloring of the flowers.

	100 Seeds Pkt.	
Bright Red	\$2.50	\$0.50
Dark Blood Red	2.50	.50
Glory of Wandsbek. Salmon red.....	2.50	.50
Perle of Zehlendorf. Salmon pink	2.50	.50
Pure White	2.50	.50
Rose of Marienthal. Bright pink.....	2.50	.50
White with Carmine Eye	2.50	.50
Mixed. All colors	2.00	.40

MICHELL'S LARGE FLOWERING

Flowers of large size, and of the choicest colors and shades.

	100 Seeds Pkt.	
Duke of Connaught. Crimson	\$2.00	\$0.50
Excelsior. White with red eye.....	2.00	.50
Grandiflora Alba. White	2.00	.50
Princess of Wales. Pink	2.00	.50
Salmon Queen. Salmon pink	2.00	.50
St. George. Flowers a beautiful salmon color; leaves margined with silver.....	2.00	.50
Mixed. All colors	1.75	.40

VARIOUS CYCLAMEN

Mrs. Buckston. Frilled and waved flowers; color delicate salmon. Original pkt. ....	.75
Papilio (Butterfly). The edges of the flowers are beautifully fringed, or waved; mixed colors.....	1.75 .40

Ask for Cultural Leaflet No. 215 on the growing of Cyclamen.

DAISY, ENGLISH DOUBLE (Bellis Perennis)

These are favorite perennials; seed should be sown from June 1st till September, transplanted in the fall and they will flower the following spring.

	Large Pkt.	Pkt.
Longfellow. Large double pink flowers.....	\$0.50	\$0.10
Monstrosa, Pink. These surpass all strains of this popular plant in growth and in the abundance of extra large, perfectly double flowers.....	.65	.25
Monstrosa, White .....	.65	.25
Monstrosa, Mixed .....	.65	.25
Snowball. Pure white; large and double.....	.50	.10
Double Mixed. Finest quality.....	.40	.10



Delphinium, Belladonna

DELPHINIUM (Hardy Perennial Larkspur)

One of the finest hardy perennials; very easily grown from seed. Very effective in beds, masses or borders. To prolong the season of bloom, cut the old flower stems off after they have faded, and new shoots will produce flower heads successfully.

Large Pkt. Pkt.

Belladonna. One of the freest and most continuously blooming varieties; immense spikes of clear turquoise blue flowers; 5 feet.....	\$0.65	\$0.25
Chinense Grandiflorum. A dwarf strain with loose branches and sprays of bright blue flowers; 2 feet .....	.25	.05
Chinense Grandiflorum Album. Pure white flow- ers .....	.25	.05
Elatum (Bee Larkspur). Rich blue; 4 feet.....	.30	.10
Formosum. Deep blue; 3 feet.....	.30	.10
Formosum Coelestinum. Sky blue .....	.50	.15
Kelway's Giant. An extra fine strain of strong, vigorous growth, with immense spikes of extra large flowers; many shades of blue; 5 to 7.....	.50	.15
Rev. E. Lascelles. An extra fine variety; large double, deep blue flowers with white center.....	.65	.15
Zalil. Sulphur yellow; 4 feet.....	.50	.10
Hybridum Mixed. Very choice; 4 feet.....	.20	.05

DIANTHUS (Hardy Garden Pinks)

Elegant summer flowering border plants, producing a wealth of deliciously fragrant flowers.

Large Pkt. Pkt.

Glove Scented. Double and semi-double varieties, in beautiful colors; fragrant	\$0.40	\$0.10
Double Scotch. Choice colors .....	.40	.15
Erfurt. Of dwarf, compact growth; blooms early; mixed colors .....	.50	.10
Latifolius Atrococcineus Fl. Pl. (Everblooming Hy- brid Sweet William). Velvety crimson scarlet; double .....	.50	.10
Pheasant's Eye. Single white fringed flowers with dark center .....	.20	.05

(oe)



Digitalis (Foxglove) Gloxiniaeflora

DIGITALIS (Foxglove)

Ornamental hardy plants; long spikes of beautiful tubular-shaped flowers; blooms during June and July; 4 to 5 feet.

	Oz.	Large Pkt.	Pkt.
Gloxiniaeflora, Pink	\$1.25	\$0.25	\$0.10
" Purple	1.25	.25	.10
" White	1.25	.25	.10
" Mixed .....	.90	.20	.05
Grandiflora. Yellow .....	.90	.20	.05
Monstrosa. (Mammoth Foxglove). The tall spikes are surmounted by one monstrous flower; all colors mixed.....	1.50	.30	.10

DRACENA

Ornamental plants for vases or conservatory decoration.

Australis. Broad green leaves.....	\$0.20	\$0.10
Indivisa. Narrow green leaves	oz., 50c.	.20 .10

EUPATORIUM

A fine hardy perennial, which will grow and thrive in almost any situation; excellent for cutting; 2 feet.

	Large Pkt.	Pkt.
Fraseri. Feathery white flowers	\$0.20	\$0.10

FERNS

Adiantum (Maiden Hair). Mixed	\$1.00	\$0.15
Pteris Varieties. Mixed	1.00	.15
All Sorts Mixed. Choice collection	1.00	.15

We can also furnish all other varieties of fern spores.

GAILLARDIA (Blanket Flower)

One of the most showy of hardy perennials, and thriving in almost any position or soil; spikes of gorgeously colored flowers of immense size. Excellent for cutting.

	Large Pkt.	Pkt.
Grandiflora Compacta. A compact variety; choice mixed colors; 12 to 15 inches.....oz., 90c.	\$0.20	\$0.10
Grandiflora Sanguinea. Blood red flowers; 2 feet..	.25	.15
Grandiflora Semi-Double. Mixed .....	.25	.10
Grandiflora Superba. Splendid mixed, 2 feet.oz., 90c.	.20	.10

GERANIUM

	100 Seeds Pkt.	
Apple Scented. Highly esteemed on account of its fern-like, fragrant foliage; 1 foot.....	\$0.40	\$0.10
Pelargonium (Lady Washington). Seed saved from the largest flowered show varieties	2.00	.25
	Large Pkt.	Pkt.
Zonale Mixed. A superb strain of the largest and finest varieties; 1 to 2 feet.....	\$0.30	\$0.10

GERBERA (Transvaal Daisy)

Splendid greenhouse perennials with large fine-leaved, daisy-like flowers; splendid for pot plants or cutting. 100 Seeds Pkt.

Jamesoni Gigantea. Large flowers of bright scarlet	\$1.25	\$0.25
Jamesoni Hybrida. These hybrids include a wonderful range of brilliant colors and shades.....	1.00	.25

GEUM

Large Pkt. Pkt.

Atrosanguineum Fl. Pl. Hardy perennial, with large, showy, double, dark crimson flowers all through the summer; fine for bouquets; 1½ feet.....	\$0.25	\$0.10
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GLOXINIA

Hybrida Grandiflora. An extra fine strain, embracing all the choicest self-colored and tigered and spotted flowers

.75 .25



Gypsophila Paniculata Fl. Fl.

GYP SOPHILA (Baby's Breath)

Graceful, free-flowering perennial plants succeeding in any garden soil; flowers are produced in abundance in loose panicles, and are excellent for mixing with other cut flowers.

Large Pkt. Pkt.

Paniculata. Flowers in graceful sprays of white; 2 feet	oz., 75c.	\$0.20 \$0.05
Paniculata, Fl. Pl. Double white .....		.20



Gaillardia, Grandiflora Superba

HELENIUM (Sneeze-Wort)

Autumnale Superbum. An elegant hardy perennial producing large heads of golden yellow flowers; 5 to 6 feet

	Large Pkt.	Pkt.
	\$0.30	\$0.10

HELIOPSIS (Orange Sunflower)

Pitcheriana. A handsome hardy perennial; deep orange yellow flowers; excellent for cutting; 3 to 4 feet

	.20	.10
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HELIOTROPE

A well-known and highly prized plant on account of the delightful fragrance of the flowers. Excellent for pots, or for bedding; 18 inches.

	Large Pkt.	Pkt.
Lemoine's Giant. Produces a profusion of flowers nearly double the size of the old sort; mixed colors.	\$0.40	\$0.15
Regal. Of dwarf compact growth; immense flowers; all shades .....	.50	.15
Choice Mixed. Of many varieties .....	.30	.10

HEUCHERA (Alum Root)

Sanguinea. Hardy perennial; spikes of vivid crimson flowers; excellent for cutting; 1 foot.....

	.50	.10
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New Giant Hibiscus

HIBISCUS (Marshmallow)

Showy ornamental perennial plants for mixed beds or shrubbery borders, with large and beautifully colored flowers.

	Large Pkt.	Pkt.
Crimson Eye. Large white flowers with velvety crimson center; 4 feet	\$0.20	\$0.10
Golden Bowl. Giant yellow, maroon center.....	.20	.10
Moscheutos. Large, rosy red flowers with dark center .....	.20	.05
New Giant. (Mallow Marvel). An improved strain with gigantic single flowers, in many shades of red, pink, purple and white, mixed.....	.25	.15

HOLLYHOCK

One of the most popular and desirable hardy perennial plants; excellent for planting among shrubbery or forming a background for other flowers; 6 to 7 feet.

	Oz.	Large Pkt.	Pkt.
Allegheny. Semi-double, mammoth flowers; edges fringed and lacinated; mixed.....	\$1.00	\$0.25	\$0.10
Chater's Double, Maroon	1.25	.25	.10
“ “ Pink	1.25	.25	.10
“ “ Red	1.25	.25	.10
“ “ Salmon	1.25	.25	.10
“ “ White	1.25	.25	.10
“ “ Yellow	1.25	.25	.10
“ “ Mixed	1.00	.25	.10
Collection, one packet each of above 6 colors ..	..	..	.50
Double Everblooming Mixed. Colors range from white to deep black, yellow, pink, red and purple	1.25	.30	.15
Single Everblooming Mixed	1.00	.25	.10
Single Mixed .....	.90	.20	.10

IBERIS See Candytuft.**IMPATIENS (Sultan's Balsam)**

Excellent plants for the house or greenhouse; flowering profusely and almost continuously.

	Large Pkt.	Pkt.
Holstii. Resembles Impatiens Sultani in leaf and shape of bloom, but surpassing it in quicker growth and its larger and brighter colored flowers.	\$0.50	\$0.20
Holstii, "New Hybrids." Many rare and beautiful shades .....	.50	.15
Sultani. Brilliant rosy-scarlet .....	.50	.15
Sultani Hybrida. Colors ranging from pale pink to dark crimson .....	.50	.15

IRIS (Flowering Flag)

Kaempferi (Japanese Iris). Perennial; very showy; blooms the second year from seed; mixed colors. .20 .10

KENILWORTH IVY (Linaria Cymbalaria)

	Large Pkt.	Pkt.
A charming, neat trailing plant, for baskets, vases, pots, etc.; flowers violet	\$0.30	\$0.05

KUDZU VINE See Pueraria.**LATHYRUS LATIFOLIUS****(Everlasting or Perennial Pea)**

Free flowering, hardy perennial climber with clusters of flowers resembling Sweet Peas; fine for covering walls, stumps, fences, etc. Excellent for cutting.

	Oz.	Large Pkt.	Pkt.
Crimson. Brilliant	\$0.75	\$0.20	\$0.10
Pink Beauty. Bright rosy-pink	1.00	.25	.10
White .....	.90	.20	.10
Choice Mixed. All colors .....	.75	.20	.05

LAVENDER (Lavendula Vera)

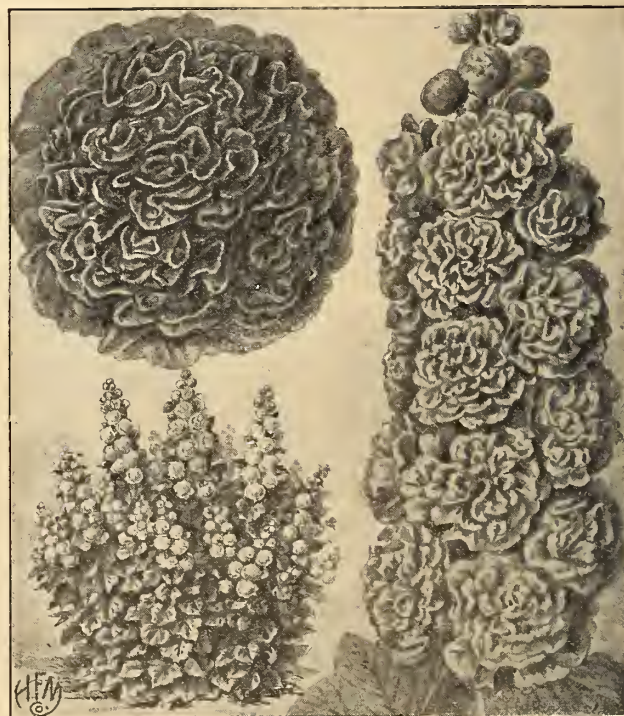
Well-known perennial plant bearing long spikes of fragrant blue flowers; excellent for the mixed border; 18 inches

	\$0.25	\$0.05
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LOBELIA

Cardinalis. (Cardinal Flower). Hardy perennial, with long spikes of brilliant scarlet flowers. These are one of the few flowering plants that thrive in shady situations

	.50	.10
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Hollyhock, Chater's Double



Lupinus Polyphyllus (Perennial Lupin)

LUPINUS (Annual Varieties)

Seeds sown in greenhouse during the late summer and fall months will produce an abundance of bloom for winter.

	Oz.	Large Pkt.	Pkt.
Rich Blue	\$0.50	\$0.20	\$0.05
Pink .....	.50	.20	.05
Scarlet, White Tipped .....	.50	.20	.05
Sky Blue .....	.50	.20	.05
White .....	.50	.20	.05
Mixed. Annual varieties .....	.40	.20	.05

LUPINUS (Perennial Varieties)

Polyphyllus, Blue .....	.20	.05
" Roseus. Pink .....	.25	.10
" Somerset. Yellow .....	.40	.15
" White .....	.20	.15
" Mixed .....	.oz., 40c.	.20 .05

Ask for Cultural Leaflet No. 217 on the culture of Lupinus.



Myosotis (Forget-Me-Not)

MUSA ENSETE (Abyssinian Banana)

A handsome tropical plant for planting individually or for the center of beds; foliage broad and massive and very effective; 10 to 15 feet. Seeds should be started in hotbed or bottom heat in greenhouse. Per 10 seeds, 30c.; 60c. per 25 seeds.

LYCHNIS

One of the finest hardy perennials; of easy culture; excellent for massing in large beds or borders.

Large Pkt. Pkt.

Chalcedonica (Rose
Campion). Fine
scarlet cross-
like flowers; 2
feet; July.....

.....oz., 60c. \$0.20 \$0.05

Haageana. Bril-
liant, large,
orange, scarlet,
pink and crim-
son flowers,
mixed; 1 foot;
July50 .10

MIGNONETTE

A well-known and popular annual, producing very fragrant flowers; excellent for cutting. Can be successfully grown in pots for winter and early spring flowering.



Mignonette, Michell's Colossal

Large Pkt. Pkt.

Allen's Defiance. Spikes invariably attain a height of 12 to 15 inches; deliciously fragrant. .oz., 60c. \$0.20 \$0.10

Bismarck. Compact plants of strong growth; stout spikes of large flowersoz., 90c. .25 .10

Golden Machet. Large spikes of golden yellow flowersoz., 50c. .20 .10

Goliath. Of strong growth, with immense trusses of brilliant red flowersoz., 75c. .20 .10

Machet. Large reddish tinted, sweet scented flowersoz., 50c. .20 .10

Michell's Colossal. Produces in great profusion, immense flower spikes often measuring 18 inches in length; extremely fragrant50 .15

Sutton's Giant. Reddish buff. Original pkts.40

Sweet Scented. The popular garden sortoz., 30c. .15 .05

Ask for Cultural Leaflet No. 204 on the growing of Mignonette.

MYOSOTIS (Forget-Me-Not)

Neat and beautiful little plants, with star-shaped flowers; very effective when grown in masses. Perennial and hardy if given slight protection through the winter.

Large Pkt. Pkt.

Alpestris Victoria. Of bushy habit; bearing large bright blue flowers; very fine; 6 inches..... \$0.30 \$0.10

Dissitiflora. Deep green foliage and attractive deep blue flowers50 .10

Eliza Fanrobert. Of strong growth, with clusters of large bright blue flowers; 10 inches..... .30 .10

Grandiflora Alba. Large white flowers; 8 inches... .30 .10

Grandiflora Rosea. Large pink flowers; 8 inches... .30 .10

Palustris. The true Forget-Me-Not; bright blue flowers; 8 inches50 .10

Palustris Semperflorens. Dwarf; blooms the entire season; deep blue50 .10

Royal Blue. This variety belongs to the upright pillar-shaped section; large deep blue flowers; 12 inches40 .10

Ruth Fischer. Plant of neat, compact habit; flowers extra large and of a lovely sky blue..... .65 .25

Choice Mixedoz., \$1.00 .20 .05

PANSY (See next page.)**PENTSTEMON (Beard Tongue)**

A perennial plant producing freely large spikes of handsome tubular flowers.

Sensation. Large spikes of gloxinia-like flowers of brilliant colors; 2 feet; requires protection..... .40 .15

Mixed. Choice colors; 3 feet20 .05

(oe)

MICHELL'S GIANT PANSIES



Michell's Giant Exhibition Pansy

Strictly considered, this is a biennial, but the fact that it flowers the first season from seed recommends it for an annual. There are actually three seasons in which pansies can be planted. If started in the house from February till April, pansies will begin to bloom from July on; sown outdoors in May, beautiful flowers are produced in the fall; seed may be sown any time in the autumn, the earlier the better, for early spring blooming.

GIANT PANSIES Separate Colors

A strain secured from the leading pansy specialists, and not to be compared with the ordinary Giant Trimardeau, as the flowers are of much heavier texture.

	1/4 Oz.	Large Pkt.	Pkt.
Giant Prize, Azure Blue. Violet blue	\$1.50	\$0.50	\$0.15
Giant Prize, Black Blue. Dark velvety....	1.50	.50	.15
Giant Prize, Emperor William. Ultramarine blue	1.50	.50	.15
Giant Prize, Hortensia Red. Scarlet.....	1.50	.50	.15
Giant Prize, King of the Blacks.....	1.50	.50	.15
Giant Prize, Lord Beaconsfield. Violet....	1.50	.50	.15
Giant Prize, Peacock. Upper petals blue, lower petals deep claret with white margin	1.50	.50	.15
Giant Prize, Snow Queen. Pure white....	1.50	.15	.15
Giant Prize, Striped and Mottled	1.50	.50	.15
Giant Prize, White, with dark eye	1.50	.50	.15
Giant Prize, Pure Yellow.....	1.50	.50	.15
Giant Prize, Yellow, with dark eye.....	1.50	.50	.15

SPECIAL OFFER. We will send 6 packets of any of the above varieties of Giant Pansies for 75c.; or the entire 12 pkts. for \$1.40.

HARDY PHLOX

Decussata. A showy hardy perennial; plants 2 to 3 feet high; flowers in all bright colors. Seeds sown late in the fall will germinate in the spring; mixed colors\$0.40 \$0.10

PHYSOSTEGIA (False Dragon Head)

A pretty hardy perennial, bearing freely, delicate tubular flowers; 3 to 4 feet; July-August.

	Large Pkt.	Pkt.
Virginica. Pink	\$0.25	\$0.10
Alba. White .....	.30	.10

POLYANTHUS (Primula Elatior)

Beautiful spring flowering hardy perennials, either for pot culture or the garden; 9 inches.

	Large Pkt.	Pkt.
Gold Laced. Flowers of brilliant colors, with distinct yellow edge	\$0.50	\$0.15
Double Mixed. Beautiful colors .....	.65	.15
English Mixed. All colors .....	.30	.10

PANSIES Regular Sorts in Separate Colors

	Oz.	Large Pkt.	Pkt.
Belgian Striped. Showy	\$2.75	\$0.30	\$0.10
Emperor William. Ultramarine blue	2.75	.30	.10
Faust (King of the Blacks).....	2.75	.30	.10
Gold Margined. Purple, golden edge	2.75	.30	.10
Havana Brown	2.75	.30	.10
Lord Beaconsfield. Violet	2.75	.30	.10
Mahogany Colored	2.75	.30	.10
Silver Edged. Purple, silver edge.....	2.75	.30	.10
Snow Queen. Pure white	2.75	.30	.10
White, with dark eye	2.75	.30	.10
Yellow Gem. Pure yellow	2.75	.30	.10
Yellow, with dark eye	2.75	.30	.10

SPECIAL OFFER. We will send 6 packets of any of the above varieties of regular sorts of Pansies for 50c.; or the entire 12 packets for 90c.

PANSIES IN MIXTURES

	Large Pkt.	Pkt.
Michell's Giant Exhibition. A blending of our own containing only the very choicest secured from the leading Pansy specialists; it can be relied upon to produce flowers of immense size, very heavy texture and of the most brilliant colors. Per oz., \$10.00; \$3.00 per 1/4 oz.; per 1/8 oz., \$1.75.....	\$0.65	\$0.25
Bugnot, Odier and Cassier. A superb mixture of giant blotched varieties .....1/8 oz., \$1.00	.65	.25
Giant Trimardeau. Very large flowering; all colors, mixed	1/4 oz., \$1.00	.40 .10
Mad. Perret. Early flowering; fragrant; especially rich in red shades	1/4 oz., \$1.25	.65 .25
Masterpiece (Frilled Pansy). Flowers beautifully curled or waved	1/8 oz., \$1.00	.65 .25
Odier or Blotched. Beautiful strain...1/8 oz., \$1.00	.65	.15
Parisian Large Stained. Choicest flowers.1/8 oz., \$1.00	.65	.15
Triumph of the Giants Mixed. Immense flowers of great brilliancy and richness of colors, including many new and rare shades. Per oz., \$11.00; \$3.25 per 1/4 oz.; per 1/8 oz., \$2.00.....	.75	.50
Finest English Mixed	oz., \$2.25	.30 .10
Very Fine Mixed	oz., \$1.75	.25 .05

Ask for Cultural Leaflet No. 209 on the Growing of Pansies.



Platycodon Grandiflorum

PLATYCODON (Chinese Bell Flower)

One of the best hardy perennials, bearing a profusion of large, bell-shaped flowers the whole season. Excellent for planting in borders or among shrubbery; 2 to 3 feet.

	Large Pkt.	Pkt.
Grandiflorum, Blue	\$0.30	\$0.05
Grandiflorum, White .....	.30	.05
Japonicus Fl. Pl. (Double Japanese Bell Flower).		
Large, glossy, deep blue flowers.....	.50	.15 (oe)



Oriental Poppy

POPPY (Perennial)

Too much cannot be said of this class of Poppies, as for general effectiveness and brilliancy of display they are unequaled.

	Large Pkt.	Pkt.
Giant Scarlet (Bracteatum). Large flowers; 3 feet.	\$0.20	\$0.10
Iceland (Nudicaule). White; 1 foot	.30	.10
" Yellow	.30	.10
" Double Mixed	.30	.10
" Single Mixed	.20	.10
Oriental. Extra large flowers; deep scarlet	.20	.10
" Beauty of Livermere. Crimson with black blotch	.50	.10
" Mrs. Perry. Rich salmon pink	.50	.10
" Hybrids. Beautiful flowers of large size; mixed colors	1/4 oz., 50c.	.30

PRIMULA**FRINGED CHINESE PRIMROSE**

Our strains are unsurpassed and have won many first prizes.

	Large Pkt.	Pkt.
Alba Magnifica. Large pure white flowers	\$0.75	\$0.40
Chiswick Red. Brilliant red	.75	.40
Duchess. Large; white with zone of rosy carmine, yellow eye	.75	.40
Holborn Blue. A beautiful shade	.75	.40
Kermesina Splendens. Crimson	.75	.40
Pink Pearl (New). Brilliant pink	..	.50
Rosy Morn. Delicate pink	.75	.40
Stellata (Sutton's). Excellent pot plant; mixed	..	1.00
Michell's Prize Mixture. This mixture contains only the finest sorts selected from the best strains	.75	.25
Imported Collection. 8 varieties	..	.75

PRIMULA OBCONICA GIGANTEA

A great improvement over the old type; flowers much larger, and produced in greater abundance.

	Large Pkt.	Pkt.
Alba. White	\$0.65	\$0.20
Kermesina. Crimson	.65	.20
Lilacina. Pale lilac	.65	.20
Rosea. Pink	.65	.20
Hybrida Mixed	.65	.20

PRIMULA OBCONICA GRANDIFLORA

Fimbriata. Flowers fringed; mixed colors	.65	.15
Vesuvius. Deep crimson	.65	.25



Primula, Malacoides Superba

PRIMULA—Various Sorts

	Large Pkt.	Pkt.
Kewensis (Verbena Scented Yellow Primrose.) Spikes each 12 to 18 inches long; color, soft yellow	\$0.65	\$0.25
Malacoides. Resembles Primula Forbesi; flowers larger; if grown in greenhouse will bloom in four to five months after sowing, and continue for a long time; color, light lilac	.65	.20
Malacoides Alba. Flowers pure white	.65	.20
Malacoides Alba Plena. A new variety with double white flowers	..	.75
Malacoides Superba. Large flowers of a deep rosy pink color	..	.25
Veris (English Cowslip). Hardy perennial; fragrant; mixed	.30	.10
Vulgaris (English Primrose). The common hardy English variety; canary yellow	.30	.10

Ask for Cultural Leaflet No. 206 on the growing of Primulas.

PUERARIA THUNBERGIANA
(Kudzu Vine)

	Large Pkt.	Pkt.
One of the fastest growing hardy climbing plants, grows 8 to 10 feet the first year from seed; after the first year it will grow 30 to 50 feet in a season; rosy purple pea-shaped blossoms	\$0.20	\$0.10

PYRETHRUM (Perennial)

Handsome plants for the herbaceous border; flowers showy and excellent for cutting.

	Large Pkt.	Pkt.
Roseum. Flowers bright rose color; July; 2 feet	\$0.50	\$0.10
Uliginosum. Large, single white flowers; September; 3 to 4 feet	.50	.10
Hybridum Single Mixed. Colors ranging from white to light pink and deep red, with bright yellow centers; July; 2 feet	.40	.10
Hybridum Double Mixed	.65	.25

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RUDBECKIA (Coneflower)

	Large Pkt.	Pkt.
<i>Newmani</i> . Large yellow flowers with black center; perennial; 3 feet; all summer.....	\$0.40	\$0.10
<i>Purpurea</i> (Giant Purple Cone Flower). Hardy perennial; reddish purple flowers, with dark brown disc; 3 feet .....	.30	.10

SALVIA

<i>Farinacea</i> . A perennial variety, blooming from July till frost; long spikes of light blue flowers; 2 feet. .30	.10
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Scabiosa Caucasica

SCABIOSA

Handsome perennial border plants, flowering the entire season. Excellent for cutting.

	Large Pkt.	Pkt.
<i>Caucasica</i> . Soft blue; 3 feet	\$0.50	\$0.10
<i>Caucasica Alba</i> . Pure white .....	.50	.10
<i>Japonica</i> . Lavender blue .....	.20	.10

SCHIZANTHUS (Butterfly Flower)

One of our finest hardy annuals; of easy culture in any good garden soil and bearing a profusion of pretty butterfly-like flowers of various colors, closely resembling some species of Orchids; they are also useful as pot plants for late winter and spring blooming; for this purpose sow in autumn.

	Large Pkt.	Pkt.
<i>Grandiflorus Maximus</i> . Extra large flowers of many colors and shades .....	..	\$0.25
<i>Hybridus Grandiflorus</i> . Forms compact pyramidal plants covered with flowers of many shades of orchid-like appearance; 12 inches	\$0.20	.10
<i>Pink Beauty</i> . A beautiful shade of rose pink; a pure self without any markings; very effective as pot plants for grouping .....	..	.50
<i>Wisetonensis</i> . A showy variety, largely used as a pot plant for the house or conservatory; bears a profusion of flowers ranging from white with yellow center to pink with brown center; 1½ feet... .40	.20	.05
<i>Mixed</i> . Various colors20	.05

SHAMROCK

True Irish. Small leaved variety25	.10
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SHASTA DAISY. See Chrysanthemum**SMILAX**

A greenhouse climber of great value for floral decorations; seed should be soaked 24 hours in warm water before sowing; 10 feet.....oz., 50c. .20	.10
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SNAPDRAGON. See Antirrhinum**STATICE (Sea Lavender)**

<i>Latifolia</i> . Splendid hardy perennial plants, either for the border or rockery, producing all summer panicles of small flowers, which can be dried and used for winter bouquets. Large deep-blue flowers; 1½ feet	\$0.30	\$0.10
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STEVIA

<i>Serrata</i> . Free blooming plants for summer or winter, bearing a profusion of fragrant white flowers; excellent for cutting; 2 feet30	.10
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STOCKS (See Next Page)

Stokesia Cyanea

STOKESIA (Cornflower or Stokes' Aster)

A very desirable hardy perennial border plant, bearing freely from July to October handsome Centaurea-like blossoms, each measuring 4 to 5 inches across; excellent for cutting; 1½ to 2 feet.

	Large Pkt.	Pkt.
<i>Cyanea</i> . Light blue	\$0.30	\$0.10
" <i>Alba</i> . Pure white .....	.30	.10

SUNFLOWER (Helianthus)

Showy perennials blooming all summer.

<i>Golden Bouquet</i> . Single yellow flowers; 5 feet.....	.30	.10
<i>Choice Mixed</i> . Single flowering .....	.40	.10



Schizanthus, Wisetonensis

MICHELL'S "DISTINCTIVE" STOCKS

27

The stock is one of the most popular and highly prized of our cultivated flowers, either for the garden or for pot culture. The charming colors, delightful fragrance and free blooming character, have made them favorite plants for both summer and winter cultivation. The seeds we offer are hand-saved from pot-grown specimens and will produce a large percentage of double flowers.

MICHELL'S FLOWER MARKET STOCK

This is the ideal stock for either garden, cutting or forcing under glass. Plants branch freely and produce from 10 to 15 heavy spikes of extra large perfect flowers; height, 2 feet.

	Large Pkt.	Pkt.		Large Pkt.	Pkt.
Blood Red	\$0.40	\$0.15	Rose Pink	\$0.40	\$0.15
Dark Blue .....	.40	.15	White .....	.40	.15
Flesh Pink .....	.40	.15	Mixed .....	.40	.15
Light Blue .....	.40	.15			

MICHELL'S EARLY FLOWERING "NICE" STOCK

An early flowering strain of branching habit; remarkably free bloomer, large, double fragrant flowers; fine for garden bedding or cutting; especially desirable for use as a pot plant. For winter blooming, sow from July to September.

	Large Pkt.	Pkt.
Abundance. Dwarf, spreading habit; color carmine-rose	\$0.40	\$0.15
Beauty of Nice. Charming delicate pink .....	.40	.15
Crimson King. Deep red .....	.40	.15
La Brillante. Rich brilliant crimson .....	.40	.15
Midsummer Night. Deep, dark violet .....	.40	.15
Mont Blanc. Pure white .....	.40	.15
Queen Alexandria. Delicate lavender .....	.40	.15
Choice Mixed. All colors .....	.40	.15

LARGE FLOWERED DWARF TEN-WEEK STOCK

This is the leading variety for bedding out, for summer blooming; also fine for pots.

	Large Pkt.	Pkt.		Large Pkt.	Pkt.
Blood Red	\$0.30	\$0.10	White	\$0.30	\$0.10
Light Blue .....	.30	.10	Yellow .....	.30	.10
Pink .....	.30	.10	Mixed .....	.30	.10
Purple .....	.30	.10			

VARIOUS STOCKS

	Large Pkt.	Pkt.
Brompton or Winter. Fine for forcing under glass or early summer flowering outdoors	\$0.40	\$0.10
Princess Alice (Cut-and-Come-Again). Branching plants with double pure white flowers; fine for cutting .....	.40	.10

Ask for Cultural Leaflet no. 211 on the growing of Stocks.



Stock, Michell's Flower Market

MICHELL'S SWEET PEAS

EARLY OR WINTER FLOWERING SPENCER

	Pkt.	Oz.
Asta Ohn. Rich lavender	\$0.15	\$1.25
Blue Bird. A charming shade of blue .....	.15	1.50
Cherry Ripe. Cherry or salmon cerise .....	.15	1.50
Daybreak. Rose pink or cream ground .....	.15	1.25
Enchantress. Bright rose pink .....	.15	1.25
Fire King. Deep orange scarlet .....	.15	1.50
Heatherbell. Mauve lavender .....	.15	1.25
Helen Lewis. Orange pink .....	.15	1.25
Hercules. Soft rose pink .....	.15	1.25
Illumination. Glowing salmon cerise .....	.15	1.50
Lavender King. Rich, deep lavender .....	.15	1.25
Lavender Nora .....	.15	.50
Lavender Pink .....	.15	1.25
Liberty. Deep sunproof crimson .....	.15	1.25
Mauve Beauty. Rosy mauve .....	.15	1.25
Meadow Lark. Rich cream .....	.15	1.25
Melody. Rose pink on white ground .....	.15	1.25
Morning Star. Deep orange scarlet in standard, with rich, orange-pink wings .....	.15	1.25
Mrs. A. A. Skaach. Clear, light pink .....	.15	1.25
Mrs. M. Spanolin. Pure white .....	.15	1.25
Mrs. William Sim. Salmon pink .....	.15	1.25
Pink and White .....	.15	1.25
Pink Beauty. Rose pink on white ground .....	.15	1.50
Primrose Beauty. Deep primrose, flushed rose .....	.15	1.25
Red Orchid .....	.15	1.25
Rose Queen. Flowers are borne freely on long stems, are of large size, and usually four flowers are produced on a stem. Color a most attractive shade of pink	¼ oz., \$1.50	.50 4.00

	Pkt.	Oz.
Sankey. Large white; black seeded	\$0.15	\$1.25
Snow Flake. Large pure white .....	.15	1.25
Snowstorm. White; extra large .....	.15	1.50
Song Bird. Pale pink on white ground .....	.15	1.25
Songster. Rich lavender .....	.15	1.25
Spring Maid. Light pink on white ground .....	.15	1.25
Venus. White, blushed pink .....	.15	1.25
Warbler. Rich, mauve purple .....	.15	1.25
White Orchid .....	.15	1.25
Yarrowa. Flowers exquisitely waved, and of large size, many of them being duplex or double. Color, a pleasing shade of bright rose pink with lighter wings .....	.15	1.25
Zephyr. Pale blue or lavender .....	.15	1.25
Mixed Colors. Winter Flowering Spencer .....	.10	1.00

WINTER FLOWERING GRANDIFLORA

	Pkt.	Oz.	¼ Lb.
Christmas Meteor. Scarlet	\$0.10	\$0.30	\$0.85
" Pink. Pink and white .....	.10	.30	.85
" White (Florence Denzer) .....	.10	.30	.85
Earliest of All. Pink and white .....	.10	.30	.85
Le Marquis. Large dark blue .....	.10	.30	.85
Michell's Snowdrift. Pure white; black seeded; extra early .....	.10	.30	.85
Mrs. F. J. Delansky. Daybreak pink .....	.10	.30	.85
Mixed. Winter flowering grandiflora .....	.10	.20	.75

For Sweet Peas especially adapted for outdoor planting, see next page.

(oe)

MICHELL'S SWEET PEAS

For early blooming out-doors we recommend sowing seed the latter part of November and covering with 2 or 3 inches of leaves or litter; these will bloom the following year much earlier than spring-sown seed.

SPENCER OR ORCHID VARIETIES

BLUE AND PURPLE

	Pkt.	Oz.	¼ Lb.	Lb.
Captain of the Blues Spencer. Standard purple; wings blue	\$0.10	\$0.35	\$1.00	\$3.50
Royal Purple. Rich purple, one of the finest varieties .....	.10	.40	1.25	4.00
Wedgwood. A lovely self-blue; a beautiful and popular color .....	.10	.40	1.25	4.00

DEEP PINK OR ROSE

Apple Blossom Spencer. Standard light rose; wings primrose flushed rose.....	.10	.35	1.00	3.50
Rosabelle. A large and beautiful bright rose .....	.10	.35	1.00	3.50

LAVENDER

Asta Ohn Spencer. Rich lavender; one of the best; flowers large .....	.10	.35	1.00	3.50
Flora Norton Spencer. Beautiful azure, or pale blue .....	.10	.35	1.00	3.50
Florence Nightingale. One of the largest and best lavenders .....	.10	.35	1.00	3.50

LIGHT PINK

Blanche Ferry Spencer. Large flowers; pink and white .....	.10	.35	1.00	3.50
Countess Spencer. A lovely clear pink, shading deeper at the edge .....	.10	.35	1.00	3.25
Florence Morse Spencer. Delicate blush, with deeper pink margin .....	.10	.35	1.00	3.50
Henrietta. Light rose pink on a cream ground .....	.10	.60	2.00	6.25
Hercules. Giant pure pink .....	.10	.40	1.25	4.00

MAROON

King Manoel. Rich maroon or deep chocolate color .....	.10	.40	1.25	4.00
Othello Spencer. Deep maroon .....	.10	.35	1.00	3.50

ORANGE AND SALMON

Helen Lewis. Orange pink; wings orange salmon .....	.10	.35	1.00	3.50
Illuminator. Rich salmon pink .....	.10	.40	1.25	4.00
Margaret Atlee. Light salmon pink on cream ground .....	.10	.40	1.25	4.25
Stirling Stent. Deep salmon, suffused with orange .....	.10	.60	2.00	6.25

PRIMROSE OR LIGHT YELLOW

Primrose Spencer. Light primrose yellow10	.35	1.00	3.50
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SCARLET

Fiery Cross. Large; intense orange scarlet10	.75	2.25	7.50
King Edward Spencer. Rich, crimson scarlet; large10	.35	1.00	3.50
Vermilion Brilliant. Intense scarlet ....	.10	.40	1.25	4.00

STRIPED AND FLAKED

Helen Pierce Spencer. White mottled light blue10	.40	1.25	4.00
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WHITE

Constance Hinton. One of the largest varieties; flowers white; black seeded..	.10	.40	1.25	4.25
King White. Gigantic flowers; pure white .....	.10	.60	2.00	6.00
Nora Unwin. Large pure white .....	.10	.20	.60	2.00
White Spencer. Pure white and of large size .....	.10	.35	1.00	3.25

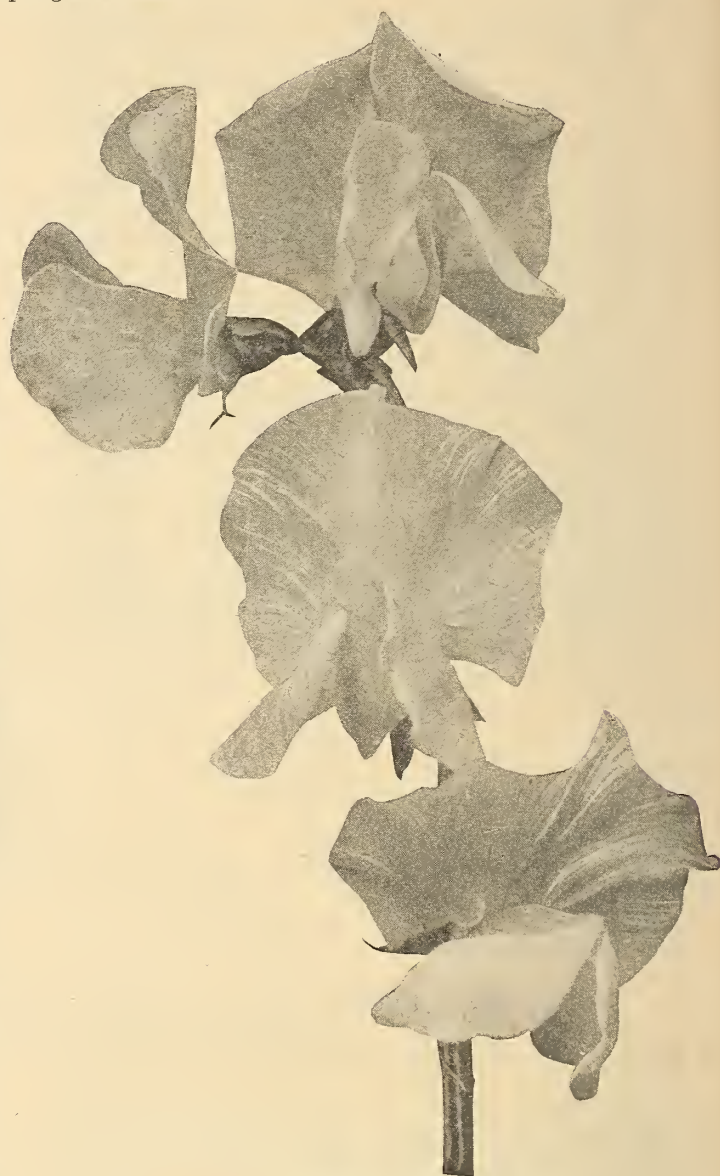
MICHELL'S SUPERB SPENCER MIXTURE

A mixture that cannot be surpassed. Blended by ourselves from only the Giant Waved Spencer varieties in proportions of bright colors and including a number of new hybrids of exquisite colors and shades. Per pkt., 10c.; 25c.; per oz., ¼ lb., 75c.; \$2.25 per lb.

MICHELL'S GILT EDGE MIXTURE

This mixture contains the Grandiflora or large flowering varieties, and represents almost every color and shade in Sweet Peas. Price: 5c. per pkt.; per oz., 15c.; 40c. per ¼ lb.; per lb., \$1.25.

For early or Winter Flowering Spencer Sweet Peas, See page 27.



Spencer or Orchid Sweet Pea

GRANDIFLORA VARIETIES

On account of the increased demand for the Spencer or Orchid Flowered varieties, we have reduced our list of Grandifloras to a few of the very best sorts.

	Pkt.	Oz.	¼ Lb.	Lb.
Blanche Ferry. Pink and white.....	\$0.05	\$0.20	\$0.60	\$2.00
Dorothy Eckford. Large white.....	.05	.20	.60	2.00
Flora Norton. Delicate lavender .....	.05	.20	.60	2.00
Hon. Mrs. E. Kenyon. Primrose yellow..	.05	.20	.60	2.00
King Edward VII. Crimson scarlet....	.05	.20	.60	2.00
Lady Grisel Hamilton. Pale lavender...	.05	.20	.60	2.00
Lord Nelson. Rich navy blue.....	.05	.20	.60	2.00
Lovely. Soft shell pink .....	.05	.20	.60	2.00
Miss Wilmott. Deep orange pink.....	.05	.20	.60	2.00
Othello. Dark maroon .....	.05	.20	.60	2.00
Prima Donna. Lovely soft pink .....	.05	.20	.60	2.00
Queen Alexandria. Scarlet .....	.05	.20	.60	2.00

(oe)

SWEET ROCKET (Hesperis)

Large Pkt. Pkt.

Mixed. Favorite hardy perennials; very effective in the garden border; spikes of showy fragrant white and purple flowers; 2 to 3 feet.....\$0.20 \$0.05



Single Sweet William

SWEET WILLIAM (Dianthus Barbatu)

This is one of the finest of our hardy garden plants; of easy culture, thriving in any good garden soil and lasting for years. The plants grow about 1½ feet high, and form fine clumps; produces fine effects in beds and shrubbery.

	Oz.	Large Pkt.	Pkt.
Auricula Flowered. A beautiful class of "eyed" single varieties, all colors mixed.....	\$0.90	\$0.20	\$0.05
Pink Beauty. An exceedingly pretty variety with beautiful salmon pink flowers.....	..	.40	.15
Scarlet Beauty. Rich deep scarlet variety..	..	.40	.15
Single Crimson .....	.90	.20	.05
" Velvety Maroon .....	.75	.20	.05
" White .....	.75	.20	.05
" Mixed. All colors.....	.60	.20	.05
Double Mixed	1.00	.20	.10

VIOLA CORNUTA (Tufted Pansies)

These resemble pansies in shape and form, with the additional quality that they have long stems, and bloom from early spring till late in fall.

	Large Pkt.	Pkt.
Admiration. Dark blue	\$0.50	\$0.10
Mauve Queen. Lovely mauve color .....	.50	.10
Perfection. Light blue .....	.50	.10
White Perfection. Pure white .....	.50	.10
Mixed. All colors .....	.40	.10

VIOLA (Scotch Bedding Pansies)

These are very free flowering and cannot be surpassed for bedding purposes; produce larger flowers than the Viola Cornuta.

	Large Pkt.	Pkt.
Golden Gem. Yellow	\$0.50	\$0.15
Lutea Splendens. Rich golden yellow .....	.40	.10
Snowflake. Pure white .....	.50	.15
Mixed. From the best named Scotch varieties.....	.65	.25



Wallflowers, Single and Double

WALLFLOWER

While these are perennials, they are not perfectly hardy; the plants should be lifted late in the fall and planted in a cold-frame, and removed to the garden again in the spring; the flowers are fragrant and splendid for cutting; double varieties, 2 feet; single varieties, 1½ feet.

	Large Pkt.	Pkt.
Double Brown	\$0.50	\$0.10
Double Yellow .....	.50	.10
Double Mixed. All colors .....	.50	.10
Single Mixed .....	..oz., 40c.	.20 .05
Imported Collection. 6 double varieties.....	..	.50
Imported Collection. 6 single varieties .....	..	.40

Paris Extra Early. A single-flowering variety, which may be treated as an annual, flowering the first year from seed.

	Large Pkt.	Pkt.
Paris Extra Early. Blood Red	\$0.20	\$0.10
Paris Extra Early. Yellow .....	.20	.10
Paris Extra Early. Mixed. All colors....oz., 60c.	.20	.10

MICHELL'S COLLECTION OF HARDY PERENNIAL FLOWER SEEDS

18 Varieties—Special Price, \$1.25

One packet each of the following:

Alyssum Saxatile.	Gypsophila. Paniculata.
Aquilegia. Single Mixed.	Hollyhock. Double Mixed.
Calliopsis. Lanceolata Grandiflora.	Lobelia. Cardinalis.
Campanula. Pyramidalis.	Poppy. Orientale.
Delphinium. Formosum.	Pyrethrum. Single Mixed.
Dianthus. Clove Scented.	Rudbeckia. Purpurea.
Digitalis. Gloxinaeflora. Mixed.	Scabiosa. Caucasica.
Gaillardia. Grandiflora.	Stokesia. Cyanea.
	Sweet William. Double.
	Mixture of Perennial Flowers.

MICHELL'S PERENNIAL FLOWER GARDEN MIXTURE

To create an old-fashioned wild garden or to naturalize along roads or woods we highly recommend this mixture, as it contains many hundred varieties of the choicest old-fashioned flowers. Pkt., 10c.; 40c. per oz.; per ¼ lb., \$1.25.

Ask for Cultural Leaflet No. 212 on the growing of Hardy Perennials from seed.

(oe)

MICHELL'S SEASONABLE VEGETABLE SEEDS, ETC.

WE PAY POSTAGE AND PACKING CHARGES

(Except as noted)

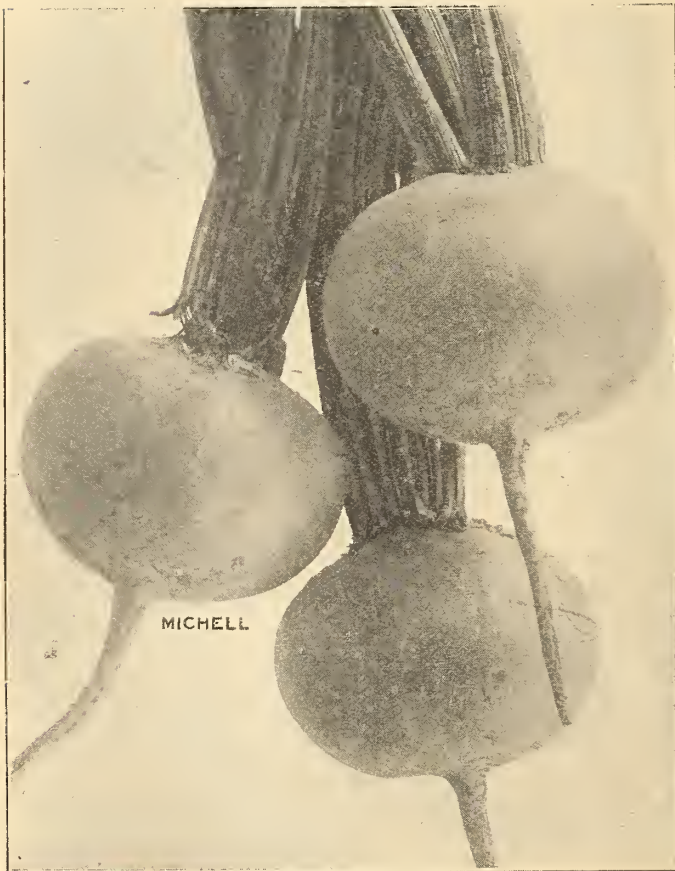
on all orders for vegetable and flower seeds, provided the order calls for packets, ounces, quarter-pounds and pounds (beans, corn, peas and mixed grass seeds are **not included**), or such other seeds where mention is made in catalogue. If these seeds are wanted by mail, remit for postage. (Consult your post office for weight limits.)

No charge is made for boxes, packing or bags, except for two-bushel seamless sacks, 65c. each, which are returnable for credit at the price charged.

BEANS FOR FORCING

These are a very prolific crop in the greenhouse.

Stringless Forcing. For culture under glass or for outdoor planting; the pods are long, slender, and round in shape; it grows dwarf and compact, and is a heavy yielder. 45c. per lb.; 2 lbs., 80c.; \$1.75 per 5 lbs.; 10 lbs., \$3.25.

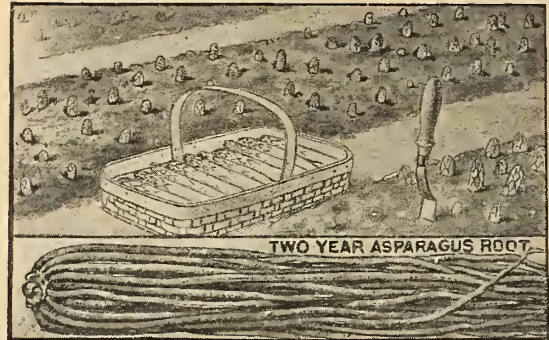


Crosby's Egyptian Beet

BEET (Table Varieties)

	Pkt.	Oz.	¼ lb.	Lb.
Arlington Favorite Blood (Turnip)...	\$0.10	\$0.20	\$0.60	\$2.00
Bassano Extra Early (Turnip).....	.10	.20	.60	2.00
Bastian's Extra Early (Turnip).....	.10	.20	.50	1.75
Bastian's Half Long Blood.....	.10	.20	.50	1.75
Crimson Globe (Michell's Improved)...	.10	.15	.50	1.75
Crosby's Egyptian (Turnip).....	.10	.20	.60	2.00
Detroit Dark Red (Turnip).....	.10	.20	.60	2.00
Eclipse Extra Early (Round).....	.10	.20	.60	1.75
Edmand's Blood (Turnip).....	.10	.20	.60	1.75
Lentz Early (Turnip).....	.10	.20	.60	1.75

A complete offering will be found in our General Catalog of Seeds that was issued in January; a copy may be had on request.



ASPARAGUS ROOTS

(Ready after October 15th)

4,000 to 6,000 roots required for an acre, according to the distance set apart.

Asparagus roots are planted quite extensively during the autumn and invariably give good results; we do not advise planting after the ground has been frozen at that season.

	2-Year-Old Roots			3-Year-Old Roots		
	Doz.	100	1000	Doz.	100	1000
Barr's Mammoth ...	\$0.30	\$1.50	\$10.00	\$0.40	\$2.00	\$15.00
Conover's Colossal..	.30	1.50	10.00	.40	2.00	15.00
Giant Argenteuil ...	.30	1.50	10.00	.40	2.00	15.00
Palmetto or Eclipse..	.30	1.50	10.00	.40	2.00	15.00



Michell's Strain Rubicon Carrot

FORCING CARROTS

Early Half Long Scarlet. A very desirable pointed root variety of fine flavor and good color. Pkt., 10c.; 20c. per oz.; 65c. per ¼ lb.; per lb., \$2.00.

Oxheart or Guerande. An early forcing variety; small round roots, not much larger than a Radish. Pkt., 10c.; 15c. per oz.; ¼ lb., 50c.; \$1.50 per lb.

Rubicon Half Long. Of excellent shape and extremely well adapted for early forcing. Pkt., 10c.; 15c. per oz.; ¼ lb., 50c.; \$1.50 per lb.

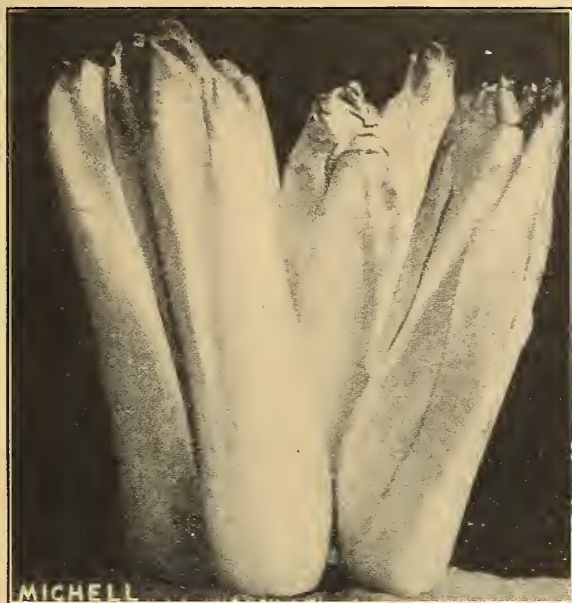
Very Early Short Horn Scarlet or French Forcing. An early forcing variety; small round root, not much larger than a radish. It may be sown outdoors as well as under glass. Pkt., 10c.; 20c. per oz.; ¼ lb., 65c.; \$1.75 per lb.

CAULIFLOWER (Varieties Suitable for Forcing)

Michell's Earliest Snowstorm. Colossal heads of purest white, averaging often 10 inches in diameter; being very long and compact, it gives enormous weight to the individual heads. Pkt., 25c.; 50c. per large pkt; $\frac{1}{4}$ oz., \$1.75; \$3.00 per $\frac{1}{2}$ oz.; 1 oz., \$5.00.

Michell's Special Strain Selected Erfurt. One of the earliest in cultivation; small leaved dwarf; splendid forcer. Pkt., 25c.; 50c. per large packet; $\frac{1}{4}$ oz., \$1.25; \$4.50 per oz.

Early Snowball. A splendid early variety, producing magnificent, medium size white heads. Pkt., 25c.; 50c. per large pkt.; $\frac{1}{4}$ oz., \$1.25; \$2.75 per $\frac{1}{2}$ oz.; per oz., \$4.50.



Witloof Chicory

WITLOOF CHICORY ROOTS (Ready December 1st)

Used only as a winter vegetable, the top part only being edible. Plant under a bench in the greenhouse or dry, warm portion of a cellar in a bed of rich garden soil 12 inches deep; place close together and keep dark, so the tops will blanch, and not open or separate, and the top growth remains intact, as the illustration shows. It may be cut any time after 5 inches growth, before the heads begin to expand. Roots should be set in the soil six inches below the surface. A continuous supply of this delicious winter vegetable can be had from December 1st to April 1st. A cold frame makes also an ideal place for forcing them in the late winter or early spring months. Strong Roots, \$1.00 per doz.; per 100, \$6.00.

WATER CRESS



Water Cress

This may be grown on a greenhouse bench just as successfully as along a stream of water, and a continuous crop may thus be assured regardless of weather conditions. Nothing can compare for flavor with the delicious tenderness of young Water Cress.

True Erfurt. Pkt., 10c.; 35c. per $\frac{1}{2}$ oz.; oz., 70c.; \$2.50 per $\frac{1}{4}$ lb.

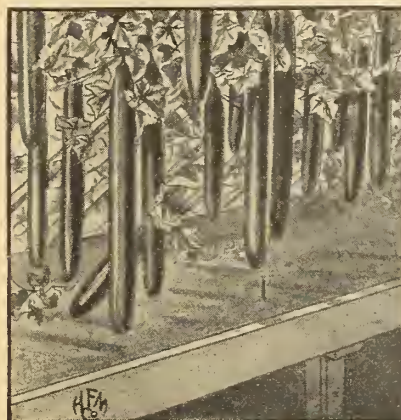


Michell's Selected Snowball Cauliflower

ENGLISH CUCUMBERS

These are splendid for growing in hotbed frames during the summer months, in preference to the open garden ground. They can thus be started earlier and protected during cool nights, as

they are more tender than the regular outdoor varieties. They may also be grown under glass in greenhouses during the winter, producing enormous fruits, generally 18 to 24 inches long and 3 inches in diameter. They have a delicate flavor and possess very few seeds; for slicing, no other sorts can approach them.



English Greenhouse Cucumbers

Lockie's Perfection, Sion House, Telegraph, Tender and True. Per packet of 12 seeds of either of the 4 sorts above, 30c. per pkt.; 100 seeds, \$2.25.

CORN SALAD (Fetticus)

Mache Ronde (Fr.); Ackersalat (Ger.)



This is principally sown for a supply of greens during winter and early spring months. Sow in September broadcast; when cold weather approaches, cover with a litter of leaves or long manure or straw, and upon approach of spring the covering can be taken off entirely. It can also be gathered on mild days during winter.

Large Leaved, Round Seeded. Pkt., 10c.; 20c. per oz.; $\frac{1}{4}$ lb., 65c.; \$2.25 per lb.



Lettuce, Davey's Improved Big Boston

LETTUCE (Heading Varieties)

One ounce of seed will produce about 2,500 plants.

	Pkt.	Oz.	¼ lb.	Lb.
All Right (Michell's).....	\$0.10	\$0.25	\$0.65	\$2.00
Big Boston .....	.10	.20	.60	1.75
Big Boston (Davey's Improved) ....	.10	.30	1.00	....
Boston Market .....	.10	.20	.60	1.75
Dutch Butter (Private Stock).....	.10	.20	.60	1.75
Hanson Improved .....	.10	.20	.60	1.75
May King .....	.10	.25	.75	2.25
Michell's Number One.....	.10	.25	.75	2.50
Prize Head .....	.10	.20	.60	1.75
Salamander (Mammoth) .....	.10	.20	.60	1.75
Way-a-head .....	.10	.20	.60	2.00
Wonderful or New York .....	.10	.20	.70	2.00

LETTUCE (Loose Leaf Varieties)

	Pkt.	Oz.	¼ lb.	Lb.
Black Seeded Simpson	\$0.10	\$0.20	\$0.60	\$1.75
Grand Rapids .....	.10	.20	.60	1.75
Silesian .....	.10	.20	.60	1.75



Dwarf Curled Scotch Kale

HORSERADISH ROOTS (Ready in December)

Set the roots in spring, in rows 6 inches apart, about the same distance in the row. Late in the fall lift as many roots as you think you will use, cut off the top, place them in a cool cellar, covered with soil or sand; grade as wanted. A bed once planted remains for years.

Maliner Kren (Bohemian). Quick-growing variety; now the very best horseradish grown, and far superior to the common variety, which we have discontinued. Large, strong cuttings, 30c. per doz.; per 100, \$1.50 (postpaid, \$1.65); \$12.50 per 1000.

KALE OR BORECOLE

Chou Vert (Fr.); Grun Kohl (Ger.); Cavolo Verde (Ital.)

One ounce will sow a drill 150 ft. long; 3 lbs. will sow an acre.

For early use it may be sown in May; when desired for winter use, sow in September, broadcast or in rows 2 ft. apart. Cover for protection against severe freezing and snow. Do not handle while in a frozen condition. One of the finest nutritious greens for winter and early spring use.

Dwarf Green Curled. This variety is very compact growing, rarely attaining a height over six inches. The color is dark green, very curly. Pkt., 10c.; 25c. per oz.; ¼ lb., 75c.; \$2.75 per lb.

Imperial Long Standing. The leaves are very crimp and of a dark green color. It stands quite tall, and is an excellent producer. It is just as hardy as any of the other sorts, and will be found very profitable where quantity as well as quality is desired. Pkt., 10c.; 25c. per oz.; ¼ lb., 65c.; \$2.00 per lb.

**FORCING MELONS (English Varieties)**

Forcing melons can be grown successfully outside in hotbeds. Sow seed in pots in March and transplant to hotbed when three leaves have developed; these will ripen fruit in June and July. For indoor use treat same as forcing cucumbers.

Blenheim Orange. A handsome, scarlet fleshed variety of delicious flavor and beautifully netted. Sets well and is very prolific. Pkt., 30c.

Invincible Scarlet. Form globular; skin orange red when perfectly ripe; finely and evenly netted; thick, bright scarlet flesh of exquisite flavor. Pkt., 30c.

Sutton's A 1. Fruits large globular and densely netted. Flesh thick, of a rich scarlet color and of a delicious flavor. Original pkt., 70c.

Windsor Castle. A green fleshed variety of excellent quality. Fruit oval in form, of large size and handsomely netted on a dark green ground; flesh thick and of a pale green color. Pkt., 30c.

MELON NETS. For supporting forcing melons in greenhouses; made very strong, will last for a number of crops. \$2.25 per doz.; per 100, \$15.00.

Orangeburg, S C.,
July 15th, 1920.

Dear Sirs:—

Enclosed find check to cover our account in full to date, also order which you will kindly ship at once. Allow us to say, that we consider it a pleasure to deal with you, as everything that we have ever received from you has been absolutely satisfactory.

Very truly yours,

J. C. K.



MICHELL'S SUPERIOR MUSHROOM SPAWN

If wanted by mail, allow for postage at rate of 10c. per brick.

BRANDYWINE PURE CULTURE SPAWN

This is an entirely new strain, originating in the section of Pennsylvania that supplies New York and Eastern markets with mushrooms.

Per Brick.....	\$0.35	Per 10 Bricks.....	\$2.75
Per 5 Bricks.....	1.50	Per 25 Bricks.....	6.50
Per 50 Bricks.....			\$12.50

AMERICAN SPORE CULTURE SPAWN

This type produces larger mushrooms than the English, coming into bearing somewhat earlier, and continuing to crop for a long time.

Direct No. 8. Cream White. For use from April to October.

Direct No. 9. Pure White. For use from October to April.

Per Brick.....	\$0.35	Per 10 Bricks.....	\$2.75
Per 5 Bricks.....	1.50	Per 25 Bricks.....	6.50
Per 50 Bricks.....			\$12.50

BOOKS ON GROWING MUSHROOMS

Pamphlet (gratis for a postal card asking for it).

Falconer's Book (postpaid)\$1.50



MUSHROOM OR HOT BED THERMOMETERS

Heavy Galvanized Iron Point.....\$2.25

Brass Point Wood Case Paper Scale..... 2.00

Thermometers should, wherever possible, be sent by express. We do not guarantee safe arrival if forwarded by parcel post.

MUSTARD

One ounce will sow a row 75 feet long. It makes a delicious green salad, pungent in taste, highly palatable and healthy. Sow every two weeks in rows the same as spinach. It must be used while young, as only then is it tender and mild. Fine winter greens if sown in a heated frame or greenhouse, also fine if served with lettuce for flavoring. The seed can be harvested if the plant is allowed to stand and used for other culinary purposes.

Southern Giant Curled.

The best of the curled mustards; of sweet flavor; matures very early and produces abundant foliage. Pkt., 10c.; 15c. per oz.; ¼ lb., 35c.; \$1.25 per lb.

White or Yellow. Pkt., 5c.; 10c. per large pkt.; oz., 15c.; 35c. per ¼ lb.; lb., \$1.25.



Mustard



Tree or Top Onions

ONION SETS

Tree or Top. Should be planted in September for early spring use; they are perfectly hardy. 28 lbs. per bushel,

	Qt.	4 Qts.	Peck
	\$0.25	\$0.75	\$1.00
White. 32 lbs. per bushel.....	} Prices will be quoted on application.		
Yellow. 32 lbs. per bushel.....			



Double Curled Parsley

PARSLEY

One ounce will sow a row 100 ft. long.

After soaking the seed for a few hours in warm water, it should be sown in rows 18 inches apart, and when 2 inches high thinned out so the plants will stand 4 inches apart in the row. It takes parsley seed from 3 to 6 weeks ordinarily to germinate, so that a little patience in growing this is necessary. Parsley can be continued over winter, if given a heavy covering of long manure.

Champion Moss Curled. Beautifully crimped and curled. Pkt., 10c.; 15c. per oz.; ¼ lb., 45c.; \$1.50 per lb.

Double Curled or Covent Garden. A great improvement over all other varieties; a nicely curled leaf which has a tendency to retain its deep green color the entire season. Pkt., 10c.; 15c. per oz.; ¼ lb., 45c.; \$1.50 per lb.

Hamburg or Rooted. The fleshy roots are used for flavoring soups, stews, etc. Pkt., 10c.; oz., 15c.; ¼ lb., 45c.; \$1.50 per lb.

BOOKS ON GARDENING

The pleasures of gardening are materially increased with the aid of a good book on the subject. On page 72 of this catalog is offered a comprehensive list of them, which cover almost every phase of gardening. Add a few copies to your library.

RADISH

Cardinal Globe (Improved Strain). This popular radish will be welcomed readily in an improved form. The color and shape, a vivid scarlet oval form, are perfect. Pkt., 5c.; 10c. per large pkt.; oz., 20c.; 60c. per $\frac{1}{4}$ lb.; lb., \$1.75.

China Rose. Bright rose color; flesh firm. One of the best for winter use. Half-long in shape with a scarlet blunt tip. Winter radishes should be cultivated more extensively than they are. Pkt., 10c.; 20c. per oz.; $\frac{1}{4}$ lb., 60c.; \$1.75 per lb.

Celestial, or White Chinese. A winter variety; large size; pure white; excellent keeper. Pkt., 10c.; 20c. per oz.; $\frac{1}{4}$ lb., 60c.; \$1.75 per lb.

Early French Breakfast. Oblong shape; rapid grower; very mild and tender; of beautiful scarlet color, tipped with white. Pkt., 10c.; 15c. per oz.; $\frac{1}{4}$ lb., 50c.; \$1.50 per lb.

Half Long Black. Winter variety; a great improvement on the old Long Spanish Radish. Pkt., 10c.; 15c. per oz.; $\frac{1}{4}$ lb., 50c.; \$1.50 per lb.

Icicle (Improved Strain). A magnificent white variety of fine taste; grows $3\frac{1}{2}$ to 4 in. long in 22 days. Pkt., 10c.; 20c. per oz.; $\frac{1}{4}$ lb., 60c.; \$1.75 per lb.

Long Scarlet Short Top, or Salmon. A favorite variety; long, bright scarlet with small top. Pkt., 10c.; 20c. per oz.; $\frac{1}{4}$ lb., 60c.; \$1.75 per lb.

Round Red Forcing or Button. Very quick in maturing; splendid for hot bed or garden culture. Pkt., 10c.; 20c. per oz.; $\frac{1}{4}$ lb., 60c.; \$1.75 per lb.

Scarlet Turnip, White Tipped. Fine early scarlet variety with white tip. Pkt., 10c.; 20c. per oz.; $\frac{1}{4}$ lb., 60c.; \$1.75 per lb.

White Box, Felton's. (Private stock). A selection of the old reliable White Box radish; more perfect form, producing shorter tops, and does not have a tendency to grow long in shape. Pkt., 5c.; 10c. per large pkt.; oz., 20c.; 60c. per $\frac{1}{4}$ lb.; lb., \$1.75.

White Strasburg. Oblong; of a pure white color, and mild flavor; a splendid variety for summer. Pkt., 5c.; 10c. per large pkt.; oz., 20c.; 60c. per $\frac{1}{4}$ lb.; \$1.75 per lb.



Forcing Rhubarb

SPINACH

Bloomsdale Round-Seeded Savoy (Improved Strain). The hardest variety; curled and crimped, thick, fleshy leaves; the best for early spring and fall sowing. Pkt., 10c.; 15c. oz.; 30c. per $\frac{1}{4}$ lb.; per lb., 75c.

Long Season. A cross between the Bloomsdale and the Victoria Long Standing. It produces tremendously large plants and leaves which are strong and robust. It will resist heat better without shooting to seed than any variety yet introduced. The leaves are somewhat curled and are tender. Color, a beautiful dark green. Pkt., 10c.; 15c. per oz.; $\frac{1}{4}$ lb., 30c.; 85c. lb.



Michell's (Improved Strain) Cardinal Globe Radish

RHUBARB ROOTS (Ready in October)

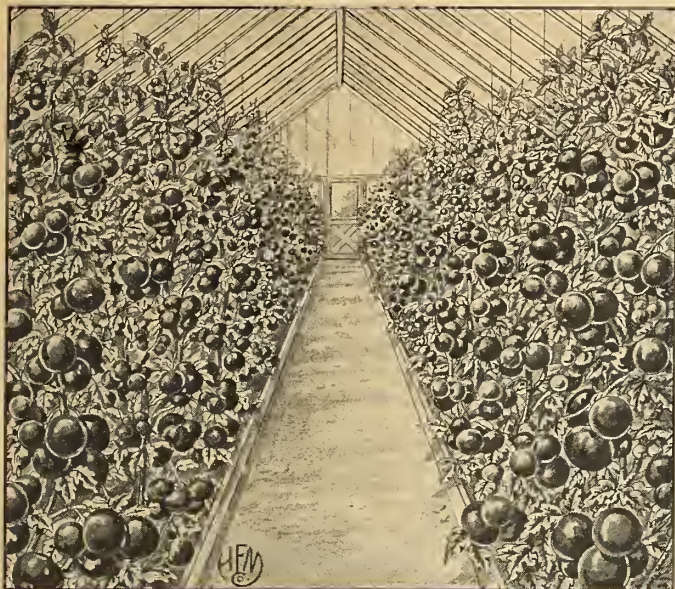
Rhubarb is as readily obtainable in winter as in spring. The clumps, which should be at least four years old, should be planted in good garden soil in a cool cellar, preferably as dark as possible. Where practicable, a barrel or a peach basket, either without a bottom, should be placed over each root to draw the top up. Does extra well under greenhouse benches. Place the roots as close as possible. When spring approaches and rhubarb is obtainable outdoors the clumps may be planted out for use another season. The roots should always be subjected to a slight frost before planting indoors.

Victoria, First Size Roots. 15c. each (by mail, 20c.); doz., \$1.50; \$10.00 per 100.

Victoria, Mammoth Roots. For forcing, or outdoor planting. 25c. each (not mailable); doz., \$2.50; \$4.25 for 25; 100, \$15.00.



Spinach, Michell's Improved Strain Bloomsdale



Tomatoes Growing in Greenhouse

TOMATOES (Adapted for Forcing)

Michell's Cracker Jack. One of the best for forcing; its productiveness is wonderful and is quite free from acid. Fruits are of medium size and of a brilliant, rich scarlet color. Per pkt., 10c.; ½ oz., 30c.; 60c. per oz.; ¼ lb., \$2.25.

Sutton's Best of All. One of the finest varieties in use in England; the seed we offer is grown from Sutton's original stock. The fruit is medium sized, of an intense red color, and containing but few seeds; it is produced in clusters of from 3 to 6 fruits. Pkt., 10c.; 30c. per ½ oz.; oz., 50c.; \$1.75 per ¼ lb.

Comet. A cluster averages 6 tomatoes of medium size of the brightest red, ripening up to the stem. One of the first to ripen and continues in bearing for a long while. Pkt., 10c.; 30c. per ½ oz.; oz., 50c.; \$1.75 per ¼ lb.

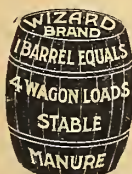
Sutton's Eclipse. A very smooth fruit, borne singly on plants which produce little foliage, a good point in a forcing tomato; vermilion red color; original packets, 85c.



"WIZARD BRAND" SHEEP MANURE

MAKES POOR SOIL RICH

One of the most economical as well as easily handled fertilizers it is possible to get.



Can be used in gardens, on the lawn, in greenhouses or on the window flower garden in any quantity, as it will not burn. 25 lbs., \$1.25; \$2.00 per 50 lbs.; 100 lbs., \$3.50; 500 lbs., \$16.50; \$30.00 per 1000 lbs.; 2000 lbs. (1 ton), \$55.00.

"WIZARD BRAND" SHREDDED COW MANURE

We have a large stock of this on hand constantly. It will be found far superior to ordinary fresh cow manure; especially suited for soil mixing, mulching and liquid manuring. 100 lb. bags only, \$3.50 per bag; 500 lbs., \$16.50; \$30.00 per 1000 lbs.; per ton, \$55.00.

TURNIP

Aberdeen. A flat yellow variety; a good winter keeper. Pkt., 10c.; 15c. per oz.; ¼ lb., 40c.; \$1.25 per lb.

Cow Horn. A long white variety, used for soiling and stock feeding. Pkt., 10c.; 15c. per oz.; ¼ lb., 40c.; \$1.15 per lb.

Early Purple Top Flat. The most popular variety in cultivation; a large yielder, well flavored. 5c. per pkt.; large pkt., 10c.; 15c. per oz.; ¼ lb., 40c.; \$1.25 per lb.

Purple Top White Globe. (Private stock). This is a careful selection of the popular Purple Top Globe variety; it is very uniform in shape and one that should be grown by all who grow turnips. Our strain of seed is specially fine. Pkt., 10c.; 15c. per oz.; ¼ lb., 50c.; \$1.50 per lb.

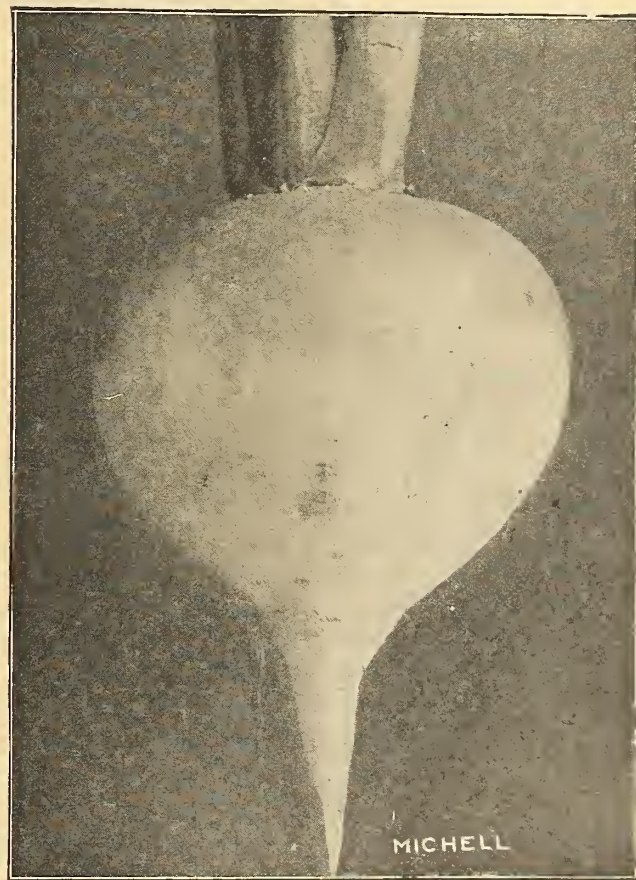
Snowball. A pure white, globe variety; very early. Pkt., 10c.; 15c. per oz.; ¼ lb., 40c.; \$1.15 per lb.

Southern Seven Top. For winter greens chiefly; extensively sown in the South. Pkt., 10c.; 15c. per oz.; ¼ lb., 40c.; \$1.25 per lb.

Yellow Globe or Amber. Shaped like the Purple Top Globe, but the color is like that of a Yellow Ruta Baga. Pkt., 10c.; 15c. per oz.; ¼ lb., 40c.; \$1.15 per lb.

RUTA BAGA

Private Stock Purple Top Yellow. This is the perfect ideal Ruta Baga. Top of root is purple, the bottom yellow. It brings a high price when sold in the market on account of its shape. Pkt., 5c.; 10c. per large pkt.; oz., 15c.; 45c. per ¼ lb.; lb., \$1.50.



Private Strain Improved Purple Top White Globe Turnip

Philadelphia, Pa.,
Sept. 20th, 1919.

Dear Sirs:—

Your Crackerjack and Ponderosa Tomatoes were wonderful. I had tomatoes that weighed 2 pounds each.

Yours truly,
MRS. H. S.



MICHELL'S RELIABLE GRASS SEEDS

All Prices subject to
Market Changes

Possibly no one in the United States specializes more in grass seeds for lawns, pleasure grounds, golf courses, putting greens, pasture and hay fields than we. Our purchases in this commodity direct from the growers at home and Europe amount to many thousand pounds annually. Our grass seeds are rigidly tested for purity and germination at the growing point, in the laboratories of the United States Department of Agriculture and by ourselves, and will be found of highest average. We make special formulas to suit various soils, climatic and local conditions. Our grass mixtures as sold have been based on many tests and on years of careful study; they are properly blended and will give splendid satisfaction. Our grass seed sales, amounting to more than a half million (500,000) pounds per year, enable us to get the choice of the Grass Seed Market.

Quantity to sow for Lawns. You cannot sow too much, the more the better, it means a quicker, more satisfactory and lasting result. We recommend on new ground, for average mixtures, to sow as follows: One quart on 100 sq. feet (10x10); 4 qts. on 600 sq. feet (20x30); 1 peck on 1500 sq. feet (30x50); 1 bushel on 7000 sq. feet (70x100); 6 to 8 bushels per acre for best effects.

MIXTURES FOR LAWNS

Michell's Clover Lawn Grass. The increasing demand for a grass seed mixture, containing a larger proportion of White Lawn Clover, induced us to offer this brand. After extensive trials we have produced a mixture of grasses, mixed with a most liberal quantity of best re-cleaned white clover. Especially suited to take firm hold and grow quickly on hard, worn out or burned spots; splendid for seashore lawns. Pint, 30c.; 50c. per qt.; 2 qts., 90c.; \$1.75 for 4 qts.; peck, \$3.00; \$12.00 per bush. (30 lbs.); 100 lb. lots and over, 37½c. per lb.

Michell's Top Notch. The best Lawn Mixture in existence, and can justly be called the top-notch of quality. It is a perfectly blended combination of quick growing, very compact, fine bladed grasses, that will produce a perfect lasting turf in a few weeks. Peck, \$2.25; \$4.25 per ½ bush.; bush. (25 lbs.), \$3.00; 100 lb. lots and over, 31c. per lb.

Michell's Green Velvet. Produces a perfect lawn in 4 to 5 weeks' time. Pint, 20c.; 30c. per qt.; 2 qts., 50c.; 90c. for 4 qts.; peck, \$1.50; \$6.00 per bush. (20 lbs.); 100 lb. lots and over, 28½c. per lb.

Michell's Evergreen. The standard Lawn Mixture in the United States. Pint, 15c.; 25c. per qt.; 2 qts., 45c.; 75c. for 4 qts.; peck, \$1.35; \$5.00 per bush. (20 lbs.); 100 lb. lots and over, 24c. per lb.

Michell's Shaded Lawn Grass. Will produce perfect swards in the most densely shaded places. Pint, 20c.; 30c. per qt.; 2 qts., 55c.; \$1.00 for 4 qts.; peck, \$1.75; \$6.50 per bush. (20 lbs.); 100 lb. lots and over, 30c. per lb.

Fairmount Park Lawn Seed. Sow 6 bu. to the acre. Qt., 20c.; 35c. for 2 qts.; 4 qts., 65c.; \$1.00 per peck; bush. (15 lbs.), \$3.75; 100 lb. lots and over, 22c. per lb.

Michell's Seashore Formula Grass Seed. Contains such grasses as thrive in salt air regions. Sow 6 bu. to the acre. Pint, 20c.; 30c. per qt.; 2 qts., 55c.; \$1.00 for 4 qts.; peck, \$1.75; \$6.50 per bush. (20 lbs.); 100 lb. lots and over, 30c. per lb.

MIXTURES FOR LAWNS (Continued)

Michell's Terrace or Embankment Grass Seed. Sow 6 bu. to the acre. Qt., 30c.; 55c. for 2 qts.; 4 qts., \$1.00; \$1.75 per peck; bush. (20 lbs.), \$6.50; 100 lb. lots and over, 30c. per lb.

Southern States Lawn Grass Seed. Made up especially for dry, hot localities; especially suited to the Southern States. Qt., 25c.; 45c. for 2 qts.; 4 qts., 75c.; \$1.25 per peck; bush. (15 lbs.), \$4.50; 100 lb. lots and over, 28c. per lb.

Special Sod Grass Seed. Produces a heavy sod in a short time. Qt., 25c.; 45c. for 2 qts.; 4 qts., 75c.; \$1.25 per peck; bush. (15 lbs.), \$4.50; 100 lb. lots and over, 27½c. per lb.

Woodlands Lawn Mixture. For sowing in dense shade among trees in woods, etc. Qt., 30c.; 60c. per 2 qts.; 4 qts., \$1.10; \$2.00 per peck; bush. (20 lbs.), \$7.00; 100 lb. lots and over, 32c. per lb.

MIXTURES FOR PLEASURE GROUNDS

Michell's Fair Greens (Golf Course) Mixture. Composed of short-growing, deep-rooted varieties, resisting plenty of wear. Golf courses, to retain their permanency, should receive additional sowing during the season. Sow 6 bu. per acre. Qt., 30c.; 50c. for 2 qts.; 4 qts., 85c.; \$1.60 per peck; bush. (20 lbs.), \$6.00; 100 lb. lots and over, 27½c. per lb.

Michell's Putting Greens Mixture. A quick-growing mixture of short, thin-bladed grasses, over which the ball can roll without resistance. We recommend not less than 50 to 75 lbs. to a green 75 feet square. Qt., 50c.; \$1.75 for 4 qts.; peck, \$3.25; \$12.00 per bush. (25 lbs.); 100 lb. lots and over, 45c. per lb.

Michell's Teeing Grounds Mixture. Used on golf courses or in places where a tough, resisting turf is wanted. Qt., 25c.; 45c. for 2 qts.; 4 qts., 85c.; \$1.60 per peck; bush. (20 lbs.), \$6.00; 100 lb. lots and over, 27½c. per lb.

Michell's Tennis Court Grass Seed. Tennis courts need grasses of a hardy nature, of fine leaf and close, compact growth. Our mixture will be found particularly adapted for the purpose. Qt., 30c.; 50c. for 2 qts.; 4 qts., 85c.; \$1.60 per peck; bush. (20 lbs.), \$6.00; 100 lb. lots and over, 27½c. per lb.

If Grass Seeds are wanted by Parcels Post, allow for postage when remitting.



MIXTURES FOR MISCELLANEOUS PURPOSES

Michell's Permanent Pasture Grass Seed. The old method of sowing timothy and clover has been found not only costly, but too short-lived to answer the purpose. Michell's Permanent Pasture Grass Seed is composed of about 10 of the best growing and most nutritious grasses and clovers for stock feeding or grazing. One sowing will last many years, although we advise additional sowing each autumn, just previous to which a light harrowing is recommended to give the grass a quick hold. Sow 3 to 4 bu. per acre on new land or 2 bu. on established pastures. Per qt., 25c.; 75c. per 4 qts.; peck, \$1.25; \$4.50 per bush. (20 lbs.); 100 lb. lots or over, 20c. per lb.

Michell's Permanent Hayfield Grass Seed. While timothy is still extensively sown for this purpose, this mixture is gradually being adopted by the progressive farmer. Its main advantages are that certain grasses in this mixture will grow better in varying conditions of soil, thus giving a full crop of hay on land that otherwise might produce but a half crop of timothy and clover. Our formula is the outcome of thorough trials in every kind of soil. Sow 3 to 4 bu. per acre on new lands or 2 bu. on established fields. Per qt., 25c.; 75c. per 4 qts.; peck, \$1.25; \$4.50 per bush. (20 lbs.); 100 lb. lots or over, 20c. per lb.

Michell's Poultry Yard Grass Seed. Chickens love grass and should be placed where they can get it as much as possible. We put plenty of clover seed in this mixture, as it is very nutritious and the fowls relish it. Per qt., 25c.; 40c. per 2 qts.; 4 qts., 75c.; \$1.25 per peck; bush. (15 lbs.), \$4.50; 100 lb. lots or over, 27c. per lb.

WHITE CLOVER

Choice re-cleaned for sowing on lawns, pastures, etc. Sow 10 to 12 lbs. per acre. Per oz., 10c.; 25c. per ¼ lb.; ½ lb., 45c.; 85c. per lb.; 5 lbs. for \$4.00; \$7.75 per 10 lbs.; per 100 lbs., \$72.50. Price for larger quantity on application.

GRASSES IN SEPARATE VARIETIES

All Strictly Re-cleaned and Carefully Tested for Purity and Germination. Prices Subject to Market Changes

We handle the best re-cleaned grass seeds in separate varieties. Some persons like to do their own mixing or prefer to sow only one kind of grass; we make no charge for mixing.

Lbs. per Bush.	Lb.	Bush. 100 Lbs.
35 Bermuda Grass	\$0.85	
14 Blue Grass (Kentucky). Extra fancy 3 to 5 bu. per acre (\$1.50 per peck).....	.50	\$ 5.60 \$35.00
14 Blue Grass (Canadian). 3 to 5 bu. per acre..	.35	4.00 25.00
20 Creeping Bent. 4 bu. per acre.....	1.10	
21 Crested Dogtail. 3½ to 4 bu. per acre.....	.60	10.50 45.00
24 English Rye (Pacey's Fancy Short Seeded). Fine for Lawns. 3 bu. per acre.....	.30	6.50 22.00
14 Fine Leaved Fescue.....	1.00	
12 Hard Fescue. 3 bu. per acre.....	Price on application	
32 Herd or Red Top. Fancy re-cleaned, 25 lbs. per acre .....	.35	9.75 27.50
10 Herd or Red Top. Unhulled, 4 to 5 bu. lbs. per acre .....	.20	1.75 15.00
18 Italian Rye. 50 lbs. per acre.....	.30	5.00 22.50
22 Meadow Fescue. (English Blue Grass) ..	.50	10.00 42.50
14 Orchard. 40 lbs. per acre .....	.35	4.50 27.50
14 Red or Creeping Fescue.....	.65	8.50 55.00
14 Rhode Island Bent. 40 lbs. per acre...	1.10	
12 Sheep's Fescue. 40 lbs. per acre.....	.45	5.75 40.00
Sudan Grass	Price on application	
Sweet Vernal (Perennial). 3 lbs. per acre with other grass.....	Price on application	
Sweet Vernal (Annual). 5 lbs. per acre with other grass	Price on application	
10 Tall Meadow Oat (French Rye Grass). ..	.50	4.75 45.00
45 Timothy Seed. ½ bu. per acre alone..	Price on application	
14 Wood Meadow. 30 lbs. per acre.....	.75	9.80 67.50

WESTERNWOLTH'S RYE GRASS

A New Forage and Pasture Grass of Extraordinary Productiveness

This new grass was discovered in Holland in 1906. It has been tried out in various parts of Europe with splendid results. It surpasses the Italian Rye Grass in rapidity of growth and tonnage; on average soil, top dressed with Nitrate of Soda, it will yield five or six cuttings a year. It is a splendid grass mixed with Red Clover for hay or pasture, or for a quick supply of green food for horses and cows. Its germination is high and the quality of the feed is strictly A1. Seed sown in Europe, April 20th, was in full flower head June 25th. Our stock has been procured from the introducer, and we take pleasure in recommending it as one of the best forage plants. The full grown height is about 3½ feet; it is hardy, and when sown will last quite a while. It requires 75 lbs. to properly sow an acre. 40c. per lb.; bush. (24 lbs.), \$8.40; \$27.50 per 100 lbs.

If grass seeds are wanted by Parcel Post, allow for postage when remitting.

MICHELL'S HIGH GRADE FARM SEEDS

PRICES SUBJECT TO MARKET CHANGES



Crimson Clover

CLOVERS

Alfalfa or Lucerne (*Medicago Sativa*). It is sown during May, August and September. Careful preparation of the soil previous to sowing is the main thing. Our special Circular on Alfalfa explains this fully, and is free for the asking. Sow not less than $\frac{1}{2}$ bushel (30 lbs.) per acre preferably with no other crop. Our seed will give the best of results.

Choice Non-Irrigated Western Grown Seed. Price on application.

Grimm Alfalfa. Claimed to be hardy in any and all regions, a heavy yielder and deeper rooting ability. It requires about 10 lbs. of Grimm Alfalfa to properly seed an acre on account of its great root system and spreading habit. Price on application.

Alsike or Swedish Clover (*Trifolium Hybridum*). One of the best for mixing with timothy; it is perfectly hardy in every climate or soil condition; it grows from 1 to 2 feet high. Sown early in the spring or late summer and early autumn. It is as nutritious as red clover and is rapidly coming to the front as a valuable farm crop. The flower resembles the white clover, except that the head is larger and has a red tinge on edge. Sow 10 to 15 lbs. per acre alone or 8 lbs. per acre with timothy. Price on application.

Bokhara or Sweet Clover (*Melilotus Alba*). Used either as a feed crop or as a fertilizer to plow under. Grows from 3 to 5 feet high, thriving on almost any kind of soil. If you have thin, rocky, hard or sour soil, which you wish to enrich, this is just the crop for you to grow. It will make two hay crops the first year. We handle only the true, white-flowered variety. Sow 15 lbs. per acre in early spring alone, or 10 lbs. per acre with other crops. Price on application.

Crimson Clover (*Trifolium Incarnatum*). This is used principally for soiling or green manuring, for which purposes it is highly valuable. If desired for feed, cut it just before it flowers. When desired for green manure, it should be allowed to mature; its height is from 1 to 2 feet. Sow any time from April to October, the earlier the better, 20 lbs. to the acre. Price on application.

Mammoth Red Clover. (*Trifolium Pratense Perenne*). Sometimes called Sapling or Pea Vine Clover and English Cow Grass. This differs from the "Medium," being of a ranker growth and yielding more hay per acre. It ripens somewhat later and is more hardy, lasting several seasons longer than the medium red clover. It also does well on poorer soils. The seed cannot be distinguished from the former. Our supply, however, is strictly reliable. Sow in early spring or in July and August, using 20 lbs. per acre alone or with other crops 10 lbs. per acre; flowers pink. It can be harvested several times in a season. Price on application.

Red Clover, Medium (*Trifolium Pratense*). More widely known and used than any other, used principally for hay purposes. Height from 18 inches to 2 $\frac{1}{2}$ feet. Sow early in the spring or in late summer—July and August; if alone, 20 lbs. per acre;

CLOVERS (Continued)

if with other crops, 10 lbs. per acre. It is not hardy for a period of years, being usually resown every third season. Flowers pink. Price on application.

White Dutch or Lawn Clover (*Trifolium Repens*). This is valuable for pasturage as well as for lawns; it succeeds where other clovers and grasses fail, and it seldom dies out. It can be sown at all seasons, although early spring is best; flowers greenish white. Sow 10 to 12 lbs. per acre if alone or 5 lbs. if sown on old turf or with other crops. 10c. per oz.; $\frac{1}{4}$ lb., 25c.; $\frac{1}{2}$ lb., 45c.; lb., 85c.; \$4.00 per 5 lbs.; 10 lbs., \$7.75; \$72.50 per 100 lbs. Prices on White Clover subject to change.

DWARF ESSEX RAPE

An excellent green food for pasturing sheep and hogs. Sow 6 lbs. per acre, broadcast or in drills from April 1st to October 1st. Price on application.

WINTER RYE

Penna. Large White. Sow 1 to 1 $\frac{1}{2}$ bushels per acre during fall.

An excellent green food in spring, and may be used for turning under or harvesting. Winter rye will not mature if sown in spring. Price on application.

Rosen. A new strain; very long; stiff strain; large yielder, producing almost 50 per cent more than ordinary rye. Price on application.

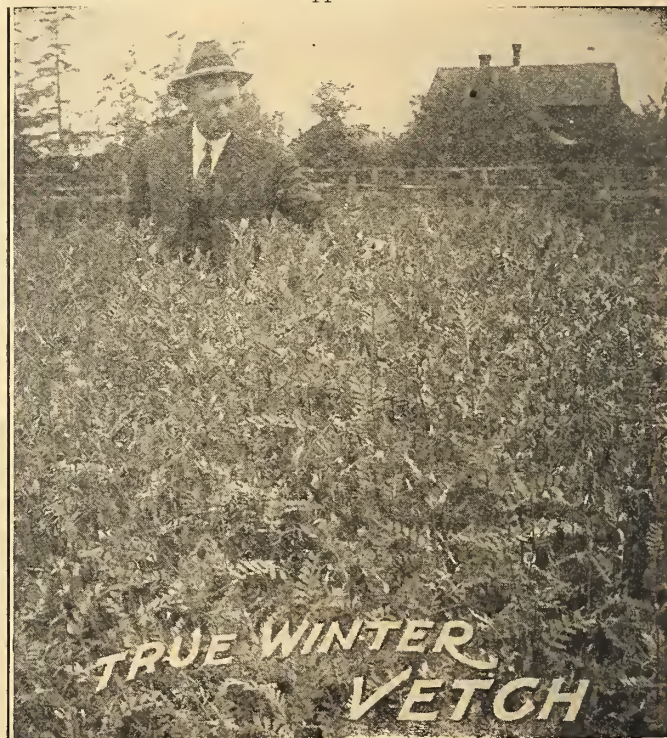
RECLEANED TIMOTHY

Our stock is of very best quality; for sowing among wheat as a second-year hay crop or for sowing alone for a first-year hay crop this is extensively used. Sow $\frac{1}{2}$ bu. per acre alone or 6 to 8 qts. with wheat. 45 lbs. per bushel. Samples and quotations on request.

WINTER VETCH (*Vicia Villosa*)

True Sand or Hairy Vetch

Our stock of this is the true type, which will absolutely live throughout the winter. There is also an English strain on the market which is not hardy in the Northern sections of the United States, and buyers should beware when buying that they procure the right article, which is a small round black seed. It is far superior to Crimson Clover, as it never winter-kills. Sow from August 1st to October 1st, but the earlier the better, broadcast, 1 bushel per acre, to which we suggest adding a bushel of winter rye or wheat. In the spring it can be plowed under as green manure, or when in flower, cut for hay. All stock relish it keenly. Price on application.



FOUR-ROWED FULTZ (Beardless)

Four-rowed Fultz has a tendency to produce spikelets composed of four grains of wheat arranged in a row close together. Although the heads are only of medium length, in most cases they contain more wheat than heads of other varieties that are much longer.

Four-rowed Fultz is extremely early. The berry is of medium size, hard and red in color. Chaff is white. Straw is of medium length, strong and stiff.

On rich soils, Four-rowed Fultz will give straw of great length; will stool out wonderfully, making a thick growth.

Four-rowed Fultz has numerous records of yield of 40 bushels per acre on average land. On select land as much as 50 bushels per acre has been harvested. Sow $1\frac{1}{2}$ to 2 bushels per acre.

"FULTZO-MEDITERRANEAN" (Beardless)

This is a cross of the "Fultz" and the old "Mediterranean" Wickets. The berry is short, plump and red. Chaff white and smooth. The heads are of medium length, very compact, well filled and inclined to widen at the top. For earliness or stiffness of straw it cannot be excelled. It stools well and $1\frac{1}{4}$ to $1\frac{1}{2}$ bushels per acre is sufficient to sow. It frequently produces over 40 bushels per acre.

LANCASTER-FULCASTER (Bearded)

A reselection from the old "Fulcaster" and one of the purest wheats now offered.

There are few other varieties that will do quite as well on soils of average quality. Farmers who are not able to raise even fair crops on rather thin soils should sow "Lancaster-Fulcaster." Even under adverse conditions this variety will produce a satisfactory crop of straw and a surprising crop of grain. The grain is of finest quality, a genuine long berry, dark red and hard. The chaff is white and the straw is long and stiff.

Lancaster-Fulcaster will carry through extreme winters; withstand attacks of insect pests and disease better than any other variety. Sow $1\frac{1}{2}$ to 2 bushels per acre.

LEAP'S PROLIFIC (Beardless)

A most prolific variety indeed, and may be relied upon to give big crops. It stools out strongly and roots deeply. The grain is large, dark red and of the best milling qualities. The heads are large, the chaff is beautiful white and is without beards. "Leap's Prolific" is one of the earliest to ripen and we recommend it as an all around good variety. Sow $1\frac{1}{2}$ bushels per acre.

"MIRACLE" (Bearded)

This valuable Wheat was introduced by us in the vicinity of Philadelphia in 1911. It produces a magnificent, heavy growth of straw, which is very stiff and erect. The head is bearded and contains well-shaped, red grains of a semi-hard nature of excellent milling qualities. It is a tremendous stooler, one grain producing as many as 25 stalks with often 45 grains to the head or stalk. It is readily seen that this wheat should produce on average conditions an enormous crop, its usual rating being anywhere from 40 to 50 bushels per acre under average conditions. The introducer impressed upon us very forcibly not to recommend the sowing of more than one-half bushel per acre, as if seeded heavier it is liable to choke itself, on account of its free stooling habit. It is early to mature and produces straw often 5 feet high.

PRICE'S WONDER (Bearded)

It bears the longest heads of any wheat we know of and thrives under the roughest treatment. It may be sown very late in the fall under the most adverse conditions with every confidence of profitable crops to follow.

Our grower says that everything about Price's Wonder is long. Long in the berry, long in the straw, very long bearded heads and long in the yield. The grain is hard and dark red, while the chaff is white. The straw is long and stiff. $1\frac{1}{4}$ to $1\frac{1}{2}$ bushels per acre is all you need to sow.

Prices of Seed Wheat fluctuate constantly and will be quoted on application.

Mulford Cultures

FOR LEGUMES

The most Fertilizer Value of Legumes depends largely upon Inoculation with these Bacteria. 1000 to 2000 Pounds of Nitrates to the acre can be deposited in little sacks or nodules on the roots of the legumes, which will be immediately available for any following crop. Legumes embrace all of the various types of clovers, peas, beans and such other plants that have blossoms similar in shape and form to the above named. This type of plant has the ability of taking from the air vast quantities of free nitrogen, which exists there and which is not absorbed by other plants than those which belong to the legume family. This nitrogen is taken (breathed, so to say) through the stems of the plant and deposited at the roots in little sacks or nodules, where it becomes immediately available as plant food in the form of nitrates. The application of bacteria to the seed of these legumes when planting practically trebles the nitrogen-gathering power and for this reason we urge all planters to use it on all such occasions. Please note that the bacteria is not applicable to any other class of plant through inoculation, except as noted; succeeding crops, though following on ground where bacteria was used, derive tremendous benefits, as many plants that are not legumes require quantities of nitrates as plant food.

The following crops are in season for sowing now and should be inoculated:

ALFALFA, ALSIKE, CRIMSON CLOVER, RED CLOVER, VETCH

We can also furnish culture for all other legumes. Always specify on your order what crop you want to inoculate, as there is a different strain of bacteria for each legume.

5-Acre Size (A Dollar per Acre)	\$5.00
1-Acre Size	1.50
$\frac{1}{4}$ -Acre Size	.50
Small Size (Supplied only for Garden Peas, Garden Beans, Lima Beans and Sweet Peas)	.25

2 Bushel Seamless Bags for all Farm Seeds are charged at 65c. each. (These are returnable for credit)

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MICHELL'S CONSERVATORY AND GREENHOUSE PLANTS

Our extensive trade, particularly with gentlemen's country estates, has made it necessary for us to give this department special attention. We have arranged with well-known specialists in this line to supply us extra well grown, clean stock. We also can procure any other plants not mentioned on this list. Kindly submit us a list of your requirements and we will be pleased to quote you.



Nephrolepis Scotti

BEGONIA

Gedore de Lorraine. Beautiful rose pink variety. In 4 and 6 inch pots.

CROTONS

Leading varieties, brilliantly colored. 4 inch, 5 inch and 6 inch pots. We also can supply large specimens.

DRACAENA

Fragrans. Broad green foliage; 6 inch pots.

Godseffiana. Rich green, spotted creamy white; 2½, 3 and 4 inch pots.

Lindenii. Green foliage, edged with golden stripes; 4, 6, and 8 inch pots.

Massangeana. Green, striped yellow, leaves; 4, 6, 8 and 10 inch pots.

Sanderiana. Green foliage, bordered white, for center-pieces.

Terminalis. Crimson foliage, striped pink and white; 2¼, 3 and 4 inch pots.

Warnecki (New). Silver and green leaf foliage; 6 inch pots.

FICUS (Rubber Plants)

Craigii. An improved *Elastica*; 4 and 6 inch pots.

Elastica. The old-fashioned variety; 4 and 6 inch pots.

Pandurata. 6 inch, 7 inch and 8 inch pots; 10 inch and 11 inch tubs.

GARDENIA

Florida (Cape Jessamine). 3 inch, 4 inch and 6 inch pots.

FERNS FOR FERN DISHES, Etc.

We are always able to furnish a large selection of these in the leading varieties, in 2½ and 3 inch pots.

PANDANUS

We highly recommend this plant where a good many varieties of other decorative plants will not do. They will thrive even in dark places such as reception halls, living rooms, etc.

Veitchi. Highly colored plants in 4, 5, 6 and 8 inch pots; also extra large specimen plants.

NEW FERN (*Nephrolepis Macawii*)

We take great pleasure in offering this new and valuable variety of *Nephrolepis*. It is a wavy leaved sport of *Scotti*. Expert fern growers claim it to be the fastest growing, the best keeping, and the most symmetrical fern on the market today. We offer same in 2¼, 4, 6 and 8 inch pots; also fine specimens in 11 inch tubs.

General List of NEPHROLEPIS (Boston Ferns)

Bostoniensis (Old-fashioned Boston Fern).

John Wanamaker. Extra fine.

Norwood. Compact and symmetrical, very graceful.

Scotti. Very compact growing type.

Teddy Jr. A grand, new dwarf fern.

Whitmani. (Ostrich Plume Fern).

We can supply extra fine plants of *Nephrolepis* in all sizes.

ADIANTUM (Maiden Hair Fern)

Gloriosum. Same as *Farleyense*, but as hardy as *Nephrolepis*.

ASPLENIUM NIDUS AVIS (Bird's Nest Fern)

A very interesting species with large, dark green foliage. 4 and 5 inch pots.

CIBOTIUM

Schiedei. In 9-inch tub, 4½ inch spread.

PALMS, Healthy Strong Specimens

Areca Lutescens.

Latania Borbonica.

Cocos Weddelliana.

Phoenix Canariensis.

Kentia Belmoreana.

Phoenix Roebelinii.

Kentia Forsteriana.

We are prepared to furnish Palms in extra fine quality and in all sizes.

ASPARAGUS

Plumosus Nanus (*Asparagus Fern*). Highly desirable for fern dishes, bouquet greens, garlands, etc.

Sprengeri. Adapted principally for hanging baskets. *Asparagus* plants are offered in 3 and 4 inch pots.



Kentia Belmoreana

On account of the continuous change in prices of Palms and greenhouse plants, we have omitted the prices, but we will fill orders for any of these in extra fine, healthy specimens at lowest rates. Kindly send us your list of requirements.

CARNATIONS (Field Grown)



Carnation Belle Washburn

brilliant red. The flowers are large and are produced on long, stiff stems. A constant bloomer throughout the season.
Benora. Color, cream white, beautifully penciled with bright red.
Enchantress Supreme. A light salmon pink, which endures exposure to the sun without bleaching.
Matchless. Pure white, without a trace of any other color.
Mrs. C. W. Ward. In color a very pleasing shade of pink, slightly brighter than Mrs. Lawson.
White Enchantress. The pure white strain.
White Wonder. Large, pure white blooms; well worthy of being considered one of our best varieties.
 Price of field grown carnations (except as noted), 35c. each; doz., \$3.50; \$25.00 per 100.

CYCLAMEN PLANTS

Splendid for blooming indoors during the winter, requiring a moderately cool temperature.

	Each	Doz.
4-inch Pot Plants.....	\$1.00	\$10.00
5-inch Pot Plants.....	1.50	15.00
6-inch Pot Plants.....	2.00	20.00

SEEDLINGS

Many gardeners prefer to purchase their supply of these instead of growing them and for those we have produced a fine lot of the following:

Pansies. Michell's Giant Exhib. Strain.
Bellis. Monstrosa. Giant English Daisy, in pink and white, each separate.
Myosotis (Forget-me-not). Alpestris Victoria.

Any of the above can be supplied in not less than 100 of a kind. \$1.50 per 100; per 1000, \$10.00.

MICHELL'S HYDRANGEAS for forcing

Private gardeners and others with greenhouses will find hydrangeas splendid as winter flowering pot plants, and for Easter. Many heretofore popular plants such as Spireas, Azaleas, Rhododendrons and the like are unobtainable. Plants of Hydrangeas placed in a moderate greenhouse temperature may be forced at will and are beautiful indeed. Our list embraces the best sorts. The Otaksa variety is planted outdoors extensively for summer bloom, but we do not recommend setting them out in the autumn.

Special Note.—Blue is a color that is not fixed in Hydrangeas. It is controlled sometimes by climatic, and other times by soil conditions. We cannot supply blue flowering Hydrangeas.

Baby Bimbinet. Silvery rose.

General de Vibraye. Bright pink.

Louis Moulliere. Deep rose.

La Perle. White, fringed.

Radiant. Rosy carmine.

Otaksa. Rose pink.

	Each	Doz.	100
2½-inch Pot Plants.....	\$0.25	\$2.50	\$15.00
4 -inch Pot Plants.....	.60	6.00	.....
6 -inch Pot Plants.....	1.25	12.00	.....

Laddie (New).
 Beautiful salmon pink, with flowers averaging 3½ inches in diameter; a splendid grower and very prolific. The keeping qualities are unexcelled. A gem in every respect. The supply is very limited, and early ordering is advisable.

Rooted Cuttings for delivery in January and February, \$2.50 per doz.; per 100, \$15.00.

Field Grown Plants for delivery now, \$1.00 each.

Beacon. This is one of the best scarlets that has ever been introduced.

Belle Washburn.

Color is a most



Geranium Helen Michell

GERANIUM "HELEN MICHELL"

Positively, without any exception, the best scarlet bedding geranium in cultivation. Orders booked now for delivery during December and the following months. Strong 2¼ inch Pot Plants, \$2.00 per doz.; per 100, \$12.00.

VIOLET PLANTS

These extra fine plants will flower freely under glass in winter or in cold frames and outdoors in the early spring.

Lady Hume Campbell. Double, light blue (Pot-grown.)

Princess of Wales. Single blue.

Price for any of the above, extra large plants, 35c. each (by mail, 40c.); \$3.50 per doz.; per 100, \$22.50.

Our Violets are extra large field-grown clumps and are worth many times more than small plants at low prices.

HARDY PERENNIALS

We grow these extensively. A complete list will be found in our spring catalog. If you not have a copy, please write for it,—or we shall be pleased to give special information by correspondence.



Hydrangea

MICHELL'S HARDY DECORATIVE FLOWERING SHRUBS

PLEASE NOTE.—In order to facilitate the packing of, and so that the least shipping space practical is required, most large nurserymen, including ourselves, will cut back all shrubbery, hedge plants and small fruits prior to packing and shipping.

This trimming back will be practically the same as is usually done at the time of planting, so the stock when received by you need not be trimmed at planting time. Shipping season starts usually early in November.

ALMOND, FLOWERING (*Amygdalus*).—*Rubra Flore Pleno Nana*. Erect slender branches, which are covered in May with small, very double, fragrant, pink flowers. Strong plants 2-3 feet, \$1.00 each; 6 for \$4.00; \$7.50 per dozen.

BARBERRY, JAPANESE (*Berberis*).—*Thunbergii*. A good, hardy plant of low, dense growth for lawn or border. The slender branches are prickly with small thorns, and tend to make a defensive hedge that few animals will attempt to penetrate. In autumn the foliage is a bright crimson; when it falls, a profusion of scarlet berries, which remain throughout the winter, are revealed on the branches.

	Each	Doz.	100
1 to 1½ ft. (plant 8 to 10 inches apart)	\$0.30	\$3.00	\$18.00
1½ to 2 ft. (plant 10 to 12 inches apart)	.35	3.50	20.00
2 to 2½ ft. (plant 12 inches apart).....	.50	5.00	35.00

BUTTERFLY BUSH (*Buddleia*).—*Variabilis Magnifica*. Flowers continuously all season. The flower racemes are composed of many little blossoms in the shape and color of lilacs. 3-inch pot plants, 30c. each; doz., \$3.00; \$20.00 per 100. 4-inch pot plants, 50c. each; doz., \$5.00.

CHERRY, FLOWERING (*Cerasus*).—*Double Pink*. Beautiful shade of pink; splendid for lawn decoration; 3 to 4 feet. \$1.75 each.

CHERRY, FLOWERING (*Cerasus*).—*Double White*. Numerous white flowers in May; 4 to 5 feet. \$1.50 each.

CRAB (*Malus*).—*Bechtel's Double Flowering*. Grows medium height, producing large double flowers of wonderful fragrance. 2 to 3 ft. high, \$2.50 each. 3 to 4 ft. high, \$3.75 each.

DEUTZIA.—The Deutzias are among the most useful of our summer flowering shrubs. For planting either individually or in masses they are very attractive.

Candidissima Fl. pl. Abundant racemes of double, pure white flowers in June; luxuriant foliage, and fine habit. 4 ft. plants.

Crenata Rosea Fl. pl. Double flowering; white tinged pink. 4 ft.

Gracilis. Of dwarf, bushy habit. White flowers. 18 inches.

Price of the above, 75c. each; doz., \$7.50.

DOGWOOD (*Cornus*).—This plant is so well known that it hardly needs description. The flowers appear before the foliage in May. In autumn it takes on a rich crimson shade.

Florida (White Flowered Dogwood). Strong plants; 4-5 ft., \$1.50 each; doz., \$15.00.

Rubra (Pink Flowered Dogwood). 3-4 ft., \$2.50 each.

EUONYMOUS.—*Japonica Aurea Var.* Beautiful deep green and yellow margined foliage; a splendid evergreen. 12 to 15 inch plants. \$1.50 each; doz., \$15.00.

GLOBE FLOWER OR CORCHORUS (*Kerria*).—Shrubs with light green branches. Does well in any soil, in shaded or open locations, flowering in May and June.

Double-flowered. Of medium size; double yellow flowers. Plants, 1½ feet high. 75c. each; per doz., \$8.50.

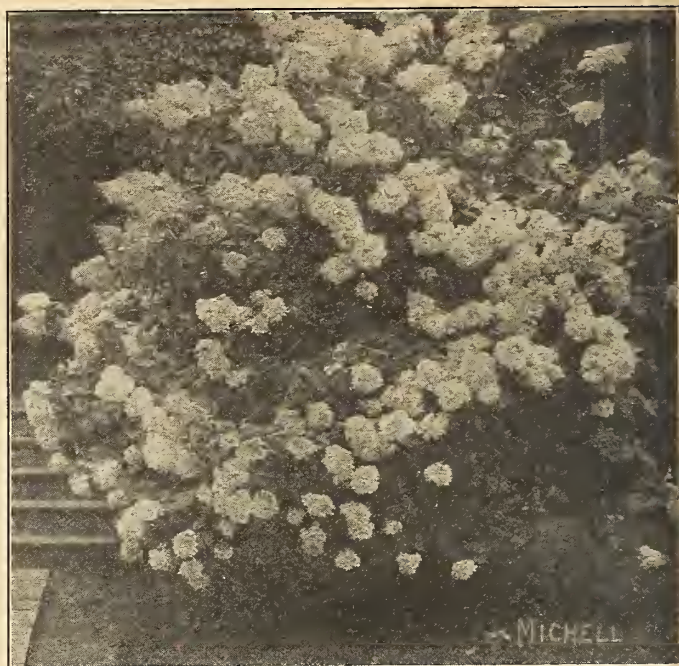
GOLDEN BELLS (*Forsythia*).—Bright golden yellow, star-shaped flowers burst into bloom just as winter is leaving and while the bush is otherwise bare.

Fortunei. Erect growing with dark green foliage; strong plants, 4 ft. 75c. each; doz., \$8.50.

GOLDEN CHAIN (*Cytisus*).—*Laburnum*. A large shrub with shining green leaves and long, drooping racemes of yellow flowers, which appear in early summer; 5 ft. plants, 75c. each; doz., \$7.50.

HONEYSUCKLE (*Lonicera*).—*Japanese Bush, Morrowi*. An open bush with irregular branches. The foliage is dark green with small white flowers, which appear during May. During the late summer and early autumn the plant is covered with bright red berries. Plants, 3 feet. 75c. each; doz., \$8.50.

JUDAS OR RED BUSH (*Cercis*).—*Canadensis*. A tall, slender growing shrub, developing eventually into a large tree. Very early in the spring the leafless branches are covered with delicate deep pink flowers; 4-6 feet plants. \$1.00 each; doz., \$11.00.



Hydrangea paniculata grandiflora

LILACS.—*Persian*. Early purple flowering; very profuse. 18 to 24 inches high. 75c. each; doz., \$8.50.

Vulgaris. Common purple, sweet-scented lilac. 30 inches high. 75c. each; doz., \$8.50.

Vulgaris Alba. Pure white type of the above, but more fragrant. 18 to 36 inches high. 75c. each; doz., \$8.50.

White Persian. Very early flowering; pure white; sweet scented. 36 to 48 inches high. 75c. each; doz., \$8.50.

HYDRANGEA.—*Arborescens grandiflora Alba* (Snowball Hydrangea). The snow-white blooms are of the largest size. Coming into flower early in June and lasting until late in August. Is more hardy than any other sorts and especially suited for shaded places. 2-2½ ft.; 75c. each; doz., \$8.50.

Paniculata grandiflora. The large panicles of white flowers are at their best during August; later they take on a reddish cast. These plants look fine used as single specimens on the lawn or grouped in large beds. Strong bush form, 2 to 3 ft. plants, 75c. each; per doz., \$8.50. Extra strong stock, 3 to 4 ft. \$1.25 each; per doz., \$12.00.

Paniculata grandiflora (Standard or Tree Shaped). These are fine, planted as individual specimens in the lawn or in the centre of beds, containing other plants. Stems, 2 to 2½ feet long with shapely heads. \$3.00 each.

(Otakea and French Varieties) (See page 41).

MOCK ORANGE (*Philadelphus*).—A shrub that can always be depended upon to give splendid satisfaction. In May and June the bushes are literally covered with flowers.

Coronarius. Handsome foliage and beautiful white flowers, quite fragrant. Plants, 2 feet. 75c. each; doz., \$8.50.

PEPPER BUSH, SWEET (*Clethra*).—*Alnifolia*. Of low and dense growth; has numerous spikes of small white fragrant flowers appearing in July; desirable for moist places or along water edges. 2-3 feet; 75c. each; doz., \$8.50.

PLUM (*Prunus*).—*Pissardi* (Purple-leaved). A tree-like shrub with dark purple leaves that keep their lustrous colored foliage right up till frost; have small pinkish white flowers in early spring. Plants, 5 to 6 feet. \$1.50 each; doz., \$15.00.

QUINCE (*Pyrus*).—*Japonicus* (Japan). This shrub is a beautiful sight when covered in the early spring with cherry-red flowers, about the size of an apple blossom. After the flowers fall, many of them set fruit, which is edible, making the finest Quince Jelly or preserves. Extra strong plants, 2 ft. 75c. each; doz., \$8.50.

ROSE OF SHARON (*Althea*).—These thrive almost anywhere, producing their bloom from July till September.

Alba Plena. Pure white; double.

Atropurpurea Plena. Double purple.

Duchess de Brabant. Double; deep red.

Totus Albus. Single; pure white.

Plants, 2-2½ feet high. 75c. each; doz., \$8.50.

MICHELL'S HARDY DECORATIVE FLOWERING SHRUBS

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SNOWBALL (*Viburnum*) *Plicatum* (Japanese Snowball). A desirable shrub. Should be in every garden or on the lawn; perfectly hardy, blooming in June. Extra fine plants, 3 to 4 feet, 75c. each; doz., \$7.50.

Opulus Sterilis (Guelder Rose or Snowball). Of spreading habit, bearing flat clusters of single white flowers, which afterwards produce brilliant red berries, which hang to the plant all winter; very decorative. Strong plants, 3 to 3½ feet, 75c. each; doz., \$7.50.

SNOWBERRY (*Symphoricarpus*) *Racemosus*. Small red flowers are succeeded by many white berries, remaining on the plant through half the winter; strong plants, 75c. each; doz., \$8.50.

SPIREA. *Anthony Waterer*. Of dwarf, dense habit, bearing a profusion of crimson flowers. 18 inches, 75c. each; per doz., \$8.50.

Prunifolia (*Bridal Wreath*). The pretty double white flowers are all along the almost leafless stem about May 1st, just as the leaves are budding. Splendid plants, 3 feet. 75c. each; per doz., \$8.50.

SWEET SHRUB (*Calycanthus*).—*Floridus*. Chocolate-colored, double flowers, with a peculiar agreeable odor. Blooms in June. 3-4 feet, 75c. each; doz., \$8.50.

WEIGELIA *Amabilis*. A pink flowering variety in bloom during June and July; extra strong plants, 2 to 4 feet. 75c. each; doz., \$8.50.

Candida. Flowers abundantly in June and July; additional bloom is also shown during the autumn months. The tube-shaped flowers are pure white; fine for cutting. Plants, 4 feet. 75c. each; doz., \$8.50.

Eva Rathke. Of erect form and vigorous habit. The deep carmine-red flowers are the best of the red-flowering sorts, 2 to 3 feet. 75c. each; doz., \$8.50.

WHITE FRINGE (*Chionanthus*).—*Virginica*. In May and June the tree is covered with long, fluffy panicles of fine white bloom. Strong plants; 2-2½ feet. 75c. each; doz., \$8.50.

Shipping season is usually from November 15th until freezing weather, and from March 15th to May 1st.

MICHELL'S CHOICE THRIFTY HEDGE PLANTS

CALIFORNIA PRIVET

Unlike a fence, which needs painting, repainting, etc., and then never looks well, this hedge is no further expense after planted, and it adds dignity and charm to any home, and increases the value of real estate. Being absolutely hardy, it increases in beauty with each successive year. Privet is somewhat of an Evergreen nature and looks attractive until real winter sets in. Plants should be set 12 inches apart in double rows, in zig-zag fashion, so that the plants are diagonally opposite each other; this practically places them 6 inches apart, which is desirable to get a quick, dense growth. Plant from October 15th till the ground freezes, and from March 15th to May 15th.

	Height	Doz.	100	1000
1-yr.-old, 18 to 24 in.	\$1.25	\$6.00	\$50.00
2-yr.-old, 24 to 30 in.	1.50	8.00	70.00
2-yr.-old, 30 to 36 in.	2.00	9.00	80.00

NOTE.—Our privet is especially fine and will give splendid satisfaction.

PLEASE NOTE.—All privet offered are of the height specified before shipping, but to save space in packing and transportation all privet will be shipped cut back to 18 inches. It is advisable to trim it after planting in any event to this height, if not lower.

GOLDEN OR VARIEGATED LEAVED PRIVET

Like the California variety, but each leaf is margined and blotched golden yellow, giving it, from a distance, a striking appearance. It is quite new and the stock is limited; when available it will become very popular. We recommend it especially for placing among shrubbery or for planting on the lawn; the contrast between the grass and golden foliage is beautiful.

Bushy Plants, 15 to 18 in. high, \$1.00 each; doz., \$11.00.



A Privet Hedge Is Much More Attractive Than The Best Fence

BERBERIS THUNBERGII

(Japanese Barberry)

A good hardy plant of low dense growth. There is an air of grace and refinement to the Barberry Bush which is not embodied in any other hedge plant. It is a brilliant light green from early spring to winter. It has a manner of growth which does not give it the stiff, cold appearance which many other hedge plants have. It should really be regarded as a shrub, as it can be planted individually in lawn or border. The slender branches are prickly, with small thorns, and tend to make a defensive hedge that few animals will attempt to penetrate. In autumn the foliage is a bright crimson; when it falls a profusion of scarlet berries, which remain throughout the winter, are revealed on the branches.

Height	Each	Doz.	100
1 to 1½ ft.	.....\$0.30	\$3.00	\$18.00
1½ to 2 ft.	......35	3.50	20.00
2 to 2½ ft.	......50	5.00	35.00

BOXWOOD (*Buxus Suffruticosa*). (For Edging)

In Europe the Boxwood edging plays a very conspicuous part in every garden. There is something about it which adds a home-like feeling to the surroundings. At times, especially in the morning or after a rain, it seems to permeate the air with a distinct, pleasant odor. A planting lasts a lifetime. Many Boxwood inclosures planted a hundred years ago are in existence today. It grows rather bushy, instead of in height. It should be set about 4 inches apart and trimmed to shape according to its growth.

4 to 6 inches high. Prices upon application.
6 to 8 inches high. Prices upon application.



Boxwood Edging Adds to a Garden Charm and Beauty That Cannot Be Obtained with Any Other Plant

Shrubs and Plants travel best by Express. No Plants sent C. O. D.

(oe)

MICHELL'S DECORATIVE EVERGREENS

This list includes the varieties mostly in demand. We can furnish all other sorts.



Colorado Blue Spruce

Evergreens offer a wide variety and brilliant diversity of color, every shade of green and blue foliage; then there are the rich golden tints, the soft silvery grays and those varieties with the dainty white-tipped leaves.

Evergreens are much desired for specimen lawn trees; they are also extensively used for massing, shelter belts, screens and hedges. The taller varieties form perfect backgrounds for the showy flowering shrubs and trees of early spring, the berries of autumn, the bright bark and twigs of winter, or the light green, golden or silver-blue growth of smaller evergreens.

ARBORVITAE (Thuya). These are chiefly of upright habit, not growing overly tall; exceedingly hardy; of a brilliant green all through the bleakest winter; splendid for backgrounds, windbreaks or garden fences.

T. occidentalis (American Arborvitae). A well-known, popular evergreen for ornamental hedges; rapid growth. 2 to 3 feet, \$2.25; 3 to 4 feet, \$4.50; 5 to 6 feet, \$7.50.

T. occidentalis pyramidalis (Pyramidal Arborvitae). The most narrow, columnar-like evergreen; medium growth; very distinct light green; compact foliage. Very effective in landscape work. 18 to 24 inches, \$2.25; 2 to 3 feet, \$4.50; 3 to 4 feet, \$7.50.

T. orientalis elegantissima (Golden Oriental Arborvitae). Medium size; upright pyramidal torch-like form; foliage flaky, tipped with yellow, giving it a bright golden color all summer and autumn, and turning bronze-brown in winter. 2 to 3 feet, \$5.00; 3 to 4 feet, \$8.25; 4 to 5 feet, \$12.50.

T. occidentalis compacta (Compact Arborvitae). Dwarf dense little evergreens, having light green foliage and neat attractive habit. For beds, borders, cemeteries, or house decoration it is highly popular. 12 to 18 inches, \$2.25; 2 to 2½ feet, \$5.00.

CYPRESS, JAPANESE (Retinospora). The many varieties vary considerably in their general appearance and nature of growth; all of them can be clipped occasionally to keep them within growing boundary. The shades of colors are numerous, so that an assortment of them makes a handsome effect.

R. obtusa nana. A slow-growing dwarf variety. It is popular in Japanese gardens, and attracts much attention. 12 to 18 inches, \$5.75; 18 to 24 inches, \$7.50.

R. plumosa aurea. The most popular and generally useful of all the golden evergreens. Especially ornamental, and the soft, plume-like golden foliage is particularly bright in spring. A vigorous grower and unsurpassed for color effect. 12 to 18 inches, \$2.25; 2 to 3 feet, \$5.00; 3 to 4 feet, \$6.25; 4 to 5 feet, \$9.50.

FIRS (Abies).—Quick-growing and very hardy; make an attractive decoration; of pyramidal growth and symmetrical outline.

A. concolor (Silver Fir of Colorado). Of graceful habit; broad, handsome foliage, bluish above, silvery beneath. 2 to 3 ft., \$7.00; 3 to 4 ft., \$12.50; 5 to 6 ft., \$18.75.

A. nordmanniana (Nordmann's Silver Fir). Slow growth; hardy; eventually large, dark green, massive foliage, silvery underneath; broad and compact. Splendid as a specimen tree. 2 to 3 feet, \$8.75; 3 to 4 feet, \$12.50; 5 to 6 feet, \$18.75.

SPECIAL NOTICE ON GUARANTEE.

We spare no effort to supply trees, plants and shrubs of the best quality in first-class living condition. On account of the many causes beyond our control we regret we cannot guarantee this stock to live and establish itself, as that is usually entirely within the power of the buyer or planter. If customers desire us to guarantee plants, trees and shrubs to live we will assume such guarantee at an advance of 25 per cent. over and above our usual prices, but not otherwise, and such guarantee will expire within 90 days from date of shipping.

JUNIPERS (Juniperus).—These possess remarkable vigor and thrive in bleak situations, in poor, stony soils and barren lands, in low and damp places at the seashore, in fact, most anywhere.

J. japonica (Japanese Juniper). A dense bushy growth, with light green and glaucous foliage. 1½ to 2 feet, \$4.50; 6 to 7 feet, \$18.75.

J. hibernica (Irish Juniper). Very useful in formal planting, screenings for small yards and cemeteries. 1 to 2 feet, \$2.25; 2 to 3 feet, \$4.50.

J. virginiana glauca (Blue Virginia Cedar). Rich, silvery-blue foliage; keeps color well throughout the entire year. 2½ feet high, \$5.00; 3 to 4 feet, \$7.50.

J. pfitzeriana. A beautiful new form, with graceful dark green foliage. One of the most attractive of evergreens. 2½ feet high, \$7.00; 3 to 4 feet, \$9.50.

SPRUCE (Picea).—Probably better known and more largely planted than any of the other evergreens; they are hardy, tall and rapid growers; reliable in almost any locality, living for many years. Suitable for planting as specimens, while some varieties are used for hedges and wind breaks.

P. canadensis (Hemlock Spruce). A rapid grower; very hardy and not particular as to soil. If trimmed, it becomes dense and bushy, making beautiful hedges. 2 to 3 feet, \$5.00; 3 to 4 feet, \$7.00; 4 to 5 feet, \$9.50.

P. excelsa (Norway Spruce). Rapid grower; does well in most soils. It is highly valued for shelters, windbreaks or hedges. 2 to 2½ feet, \$2.25; 2½ to 3 feet, \$3.75; 4 to 5 feet, \$6.25.

P. kosteriana (Koster's Blue Spruce). A deep rich blue. This is one of the finest ornamental evergreens ever introduced, and a specimen or two on the lawn adds dignity and beauty hard to describe. 1 to 1½ feet, \$4.50; 1½ to 2 feet, \$6.25; 2 to 3 feet, \$10.75; 4 to 5 feet, \$18.75.

P. pungens (Colorado Spruce). The foliage is of various tints of green and blue; a popular sort. 1½ to 2 feet, \$3.25 each; 2 to 2½ feet, \$4.50 each; 2½ to 3 feet, \$6.25.

PINE (Pinus).—These will endure a wide range of climatic conditions, being native in the lowlands or the mountains, and will withstand cold, bleak winds. Useful on lawns and on public grounds. They are in variety so that a suitable sort may be selected for almost any purpose.

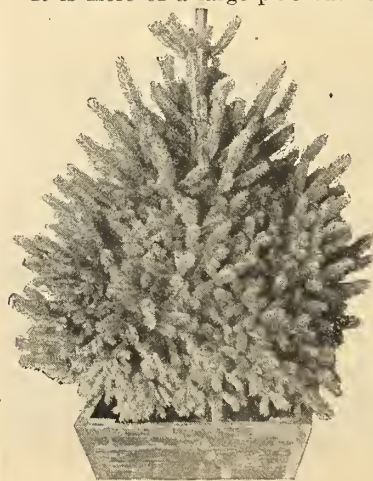
P. austriaca (Austrian Pine). 1½ to 2 feet, \$3.25 each; 3 to 4 feet, \$9.50 each.

P. mughus (Mugho Pine). A low growing, broad spreading tree. It is more of a large pine bush than a tree, and is very ornamental. 1 to 2 feet, \$5.00; 2 to 3 feet, \$9.50.

YEW (Taxus). These are a small growing evergreen, highly ornamental; effective in groups or bed plantings.

T. baccata (English Yew). A densely branched, spreading bush of a dark sombre hue; one of the best evergreens for clipping into artificial forms. 2 to 3 feet, \$6.25; 3 to 4 feet, \$15.00.

T. cuspidata brevifolia. The branches are spreading and the general aspect is less dense than the common Yew. Perfectly hardy. 1½ feet, \$6.25; 2 feet, \$7.50.



Picea (Spruce)

- Beech (Purple)** *F. sylvatica purpurea*. The foliage in spring is a deep purple, changing later to green. Should be closely pruned when transplanted. 4 to 5 feet, \$4.50; 5 to 6 feet, \$7.00.
- Beech (Purple Rivers)** *F. sylvatica Riversii*. Where a large growing tree with purple foliage is wanted, nothing equals this. The leaves are always a rich shade, sometimes crimson and sometimes almost black. 4 to 5 feet, \$5.00; 6 to 8 feet, \$8.75.
- Beech (Weeping)** *Fagus sylvatica pendula*. Irregular in outline, and has a picturesque beauty peculiar to itself. Its twisted and contorted branches resemble living fountains of foliage. 4 to 5 feet, \$6.25; 8 to 10 feet, \$17.50.
- Birch (Cut-Leaved Weeping)** *Betula alba laciniata pendula*. Tail, slender, with graceful drooping branches, silvery-white bark and delicately cut foliage. 8 to 10 feet, \$5.00; 10 to 12 feet, \$7.50.
- Birch (Young's Weeping)** *B. Youngi pendula*. Droops gracefully to the ground in fine, thread-like shoots. One of the most beautiful of the Weeping Birches. 4 to 5 feet, \$6.25; 5 to 6 feet, \$9.50.
- Dogwood (Red Flowering)** *Cornus florida rubra*. The flowers, which appear early in May before the leaves, are of a deep rosy-pink color, producing a perfect drift of bloom. Foliage large, velvety, dark green in summer and brilliant crimson in fall. 3 to 4 feet, \$3.25.
- Dogwood (White Flowering)** *C. florida alba*. Similar to the red-flowering in habit of growth, though attaining larger proportions. A mass of conspicuous white flowers in spring. 4 to 5 feet, \$2.00.
- Elm (American)** *Ulmus americana*. One of the finest street shade trees in the world. 8 to 10 feet, \$3.75; 10 to 12 feet, \$5.00.
- Horse Chestnut** (*Aesculus hippocastanum*). The flowers are large, white, spotted with purple and produced in large, compact spikes. A fine shade tree. 8 to 10 feet, \$4.50; 10 to 12 feet, \$6.25.
- Larch (European)** *Larix decidua*. A conifer with deciduous needle-like leaves; bright green very early in spring, and clear yellow in autumn. 4 to 6 feet, \$3.75.
- Linden (American)** *T. Americana* (Basswood). The largest-growing Linden. Suitable for parks or streets. When in blossom, its yellow flowers are intensely fragrant. 8 to 10 feet, \$4.50; 10 to 12 feet, \$6.25.
- Linden (European)** *Tilia europaea*. Leaves smaller and darker than those of the American Linden; form a dense shade. 8 to 10 feet, \$5.00; 10 to 12 feet, \$7.00.
- Magnolia Conspicua**. In habit of growth similar to *Soulangeana*; large pure white flowers, which are produced in great abundance. 2 to 3 feet, \$6.25; 3 to 4 feet, \$7.50.
- Magnolia Soulangeana**. A low spreading tree, covered early in the spring before the leaves appear with large flowers, purple at the base and white in the upper half of the petals. 3 to 4 feet, \$5.00; 4 to 5 feet, \$8.75.
- Malus (Bechtel's Double-flowering Crab)**. The tree is of medium growth, and the flowers of immense size, of a beautiful pink color; highly fragrant. Very double. 2 to 3 feet, \$2.50; 3 to 4 feet, \$3.75.
- Maple (Japanese)** *A. palmatum atropurpureum*. The Japan Maple is unsurpassed for ornamental purposes; the blood-red foliage making it strikingly handsome. Trees are dwarf in habit, seldom attaining a height of more than a few feet. 2 feet, \$3.75; 3 feet, \$6.25.
- Maple (Norway)** *A. platanoides*. One of the finest park, street or lawn shade trees in America; of rounded form; compact habit, stout, vigorous growth. 8 to 10 feet, \$4.50; 10 to 12 feet, \$5.75; 12 to 14 feet, \$7.50.
- Maple (Sugar)** *A. saccharum*. Its upright habit of growth, dense shade and adaptability to different soils have rendered it one of the most extensively used. The autumn effect of the foliage is particularly handsome. 10 to 12 feet, \$5.00; 12 to 14 feet, \$8.25.
- Maple (Silver)**. *Acer dasycarpum*. Of rapid growth; extensively planted for ornament and shade. 10 to 12 feet, \$3.75; 12 to 14 feet, \$6.25.
- Mountain Ash** (*Sorbus aucuparia*). A handsome native tree. In autumn and early winter the tree is clothed with large clusters of red berries. 8 to 10 feet, \$6.25.
- Mulberry (Teas' Weeping)** *Morus alba pendula*. Forms a perfect umbrella-shaped head, with slender, willowy branches, drooping to the ground. 2-year heads, \$6.25.

SEE PAGE 44 FOR SPECIAL NOTICE ON GUARANTEE

- Oak (Scarlet)** *Quercus coccinea*. A large, well-shaped tree; in the fall the foliage changes to a brilliant scarlet. 7 to 8 feet, \$5.00; 8 to 10 feet, \$6.25.
- Oak (Pin)** *Q. palustris*. Foliage deep green and finely divided. The leaves become a shade of scarlet and yellow in autumn. It thrives in almost any soil. 8 to 10 feet, \$5.00; 10 to 12 feet, \$7.50; 12 to 14 feet, \$9.50.
- Plane (Oriental)** *Platanus orientalis* (Buttonwood). A favorite tree for avenue and seashore planting; of large spreading habit and rapid growth; not affected by insects. Leaves large, smooth and handsome, affording abundant shade. 8 to 10 feet, \$3.75; 10 to 12 feet, \$5.75; 12 to 14 feet, \$7.50.



Norway Maple

- Poplar (Carolina)** *Populus caroliniana*. Good in almost any location. 10 to 12 feet, \$3.75.
- Poplar (Lombardy)** *P. nigro fastigiata var. Italica*. Its tall form, sometimes reaching 120 feet, makes it indispensable in landscape effects for breaking monotony of outline. 8 to 10 feet, \$3.75; 10 to 12 feet, \$4.50; 14 to 16 feet, \$7.50.
- Salisbury (Maiden Hair Tree)**. One of the oddest and most peculiar of all hardy exotic trees. Its leaves are deciduous, fan-shaped, broad and notched, resembling those of the Maiden Hair Fern. 6 to 8 feet, \$3.75; 8 to 10 feet, \$5.00.
- Sweet Gum** (*Liquidambar styraciflua*). A rapid-growing tree, thriving in a great variety of soils. The leaves are roundish, but with five to seven pointed, spreading lobes. In autumn they assume a rich bronze and crimson. 6 to 8 feet, \$3.75; 8 to 10 feet, \$5.00.
- Tulip Tree** (*Liriodendron tulipifera*). A popular native deciduous tree, sometimes attaining a height of 75 to 100 feet. 6 to 8 feet, \$3.75; 10 to 12 feet, \$6.25.
- Umbrella Tree** (*Catalpa bungei*). For the lawn the *Catalpa bungei* is very effective. Has a dense, perfect, half-globular or umbrella-shaped head, high on a straight upright stem. On the terraces when used in connection with the California Privet hedge the effect is most pleasing. Price, 5 to 7 feet stems, 1-year heads, \$3.75 each; 6 to 7 feet stems, 2-year heads, \$6.25 each; 6 to 7 feet stems, 4-year heads, \$9.50 each.
- Weeping Willow** (*Salix babylonica*). This is the well-known Weeping Willow, whose long pendulous branches droop so gracefully, and sway to the slightest breeze. Grows well in wet or dry places. 8 to 10 feet, \$3.75; 10 to 12 feet, \$5.00.

MICHELL'S SELECT FRUITS



Every garden should have some space reserved for small fruits. None bought in the market can compare with those picked fresh by yourself when you want them. Any surplus that cannot be consumed may be put up for winter use.

SPECIAL NOTICE

In order to save time and shipping space, in the future before shipping we will trim back all vines and bushes of small fruits unless expressly ordered otherwise. The plants invariably should be trimmed back before being planted, so customers will know we have done this; when they receive the plants they are ready to plant out and water.

BLACKBERRIES (Extra Strong Plants)

Blackberries thrive most anywhere. The plants are subject at times to attacks of rust, particularly during prolonged wet spells in summer. A spraying, especially underneath the foliage, with copper solution, usually arrests this. However, if the disease spreads too much, it is best to dig up the bushes, burn them and plant new ones in another part of the garden. If they are sprayed before being affected it is the best plan.

Eldorado. A very vigorous grower, free from mildew or rust; enormously productive; fruit large, excellent quality and without core.

Mersereau. Remarkably strong grower. An enormous producer of extra size berries, which are brilliant black, and retain their color under all conditions; very sweet and without core. Unsurpassed as a shipper and keeper.

Ward. An extra strong grower; produces an enormous crop of extra large, glossy black berries, which are rich, sweet, and tender and with no hard core.

Price of Blackberries, \$1.25 per doz.; per 100, \$7.00.

Note.—If Blackberries are desired by Parcel Post, allow 15c. per dozen for postage, as we send out only extra strong plants which generally bear some the first season.

CURRANTS (Extra Strong Plants)

Currants like good, rich soil. They are particularly susceptible to scale, and steps should be taken to keep them free from this by liberal spraying, when the bushes are dormant.

Red Dutch. An old and well-known standard variety; clusters average about three inches long; berries medium in size; dark red.

Price of Currants, strong 2-year old, 25c. each; per doz., \$2.50; \$17.50 per 100.

Note.—If Currants are desired by Parcel Post, add 20c. per doz. for postage, as we send out extra strong bushes.

GOOSEBERRIES (Extra Strong Plants)

Gooseberries should be cultivated during the growing season and fertilized with manure in the early spring or late fall. They will repay you for this trouble with an extra big crop.

Downing. Medium to large; whitish green; flesh soft and juicy.

Houghton. Berries medium; color, pale red; tender and good.

A wonderful cropper, with clean, healthy foliage.

Price of Gooseberries, 30c. each; doz., \$3.00; \$20.00 per 100.

Note.—If Gooseberries are wanted by Parcel Post, please add 25c. per doz. for mailing charges.

PLEASE NOTE.—Some States forbid the shipment of Gooseberries into their boundary. In ordering it might be well to ascertain if there is such a law in your State.

SPECIAL NOTICE ON GUARANTEE

We spare no effort to supply "small fruit" bushes of the best quality in first-class living condition. On account of the many causes beyond our control we regret we cannot guarantee this stock to live and establish itself, as that is usually entirely within the power of the buyer or grower. If customers desire us to guarantee these and trees and shrubs to live we will assume such guarantee at an advance of 25 per cent. over and above our usual prices, but not otherwise, and such guarantee will expire within 90 days from date of shipping.

NOTE.—Owing to the peculiar laws of Florida concerning the shipping of nursery stock into that State, we regret **WE ARE UNABLE TO ACCEPT ORDERS FOR NURSERY STOCK or SMALL FRUITS FOR SHIPMENT WITHIN THE STATE OF FLORIDA.**

GRAPE VINES

A few of these planted in the garden, after several years will yield abundant crops, and they last for years with little attention except pruning and spraying.

Caco. The most delicious of all Grapes—perfectly hardy; has been pronounced by America's most expert grape growers to equal in high quality and melting texture the finest varieties grown under glass. When one considers the price of the greenhouse product and realizes that the wonderful Caco can be grown in the back yard, almost without attention, the force of the above statement is apparent. The large berry is wine-red. Bunch of good size, compact and of good form. Ripens in ten days to two weeks in advance of Concord; rich in sugar; excellent in flavor. Vine a very strong, vigorous grower, healthy and prolific. This is a very fine variety and is easily worth the slight advance in price over the older varieties, \$1.00 each; doz., \$10.00.

Campbell's Early. A valuable and delicious grape; vine very strong, hardy and vigorous, with thick, healthy foliage; berries large, black, with light purplish bloom; skin thin; few and small seeds; flavor rich and delicious.

Catawba. Delicious flavor; medium size, red berry.

Concord. The well-known standard purple variety; succeeds wherever grapes will grow.

Ives. One of the most prolific bearers; medium size, color, purplish black.

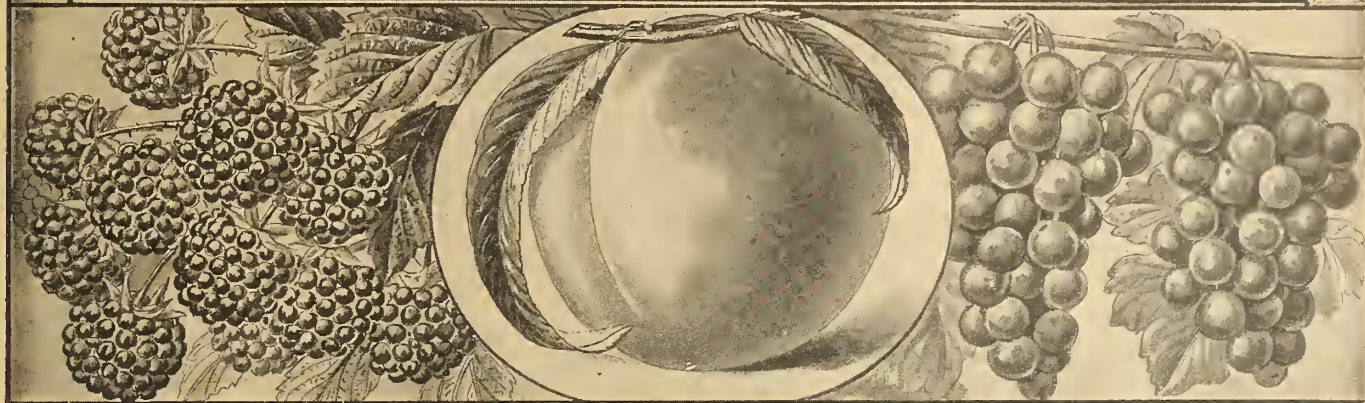
Moore's Diamond. A strong healthy grower; hardy and productive; color, white; berries large, flesh tender, juicy, but with little pulp; ripens before Concord.

Niagara. An unusually strong grower; bunches very large and compact; berries large, light greenish-white, semi-transparent; has very little pulp and is sweet to the center.

Prices.—2-year-old vines, 60c. each; doz., \$6.00. If Grape Vines are wanted by mail, add 5c. each for postage charges.

Please Note.—We have reduced the variety of Grape Vines offered, retaining the best in varieties which cover the different colors.

Shipping Season for small fruits is from October till freezing time.



RASPBERRIES (Extra Strong Plants)

Raspberries should be carefully staked, to get large crops. We also recommend that well-rotted manure or other suitable fertilizer be dug around the bushes, either in the fall or early spring.

Cumberland (Blackcap). The largest raspberry known. Selected specimens measure an inch in diameter; immensely productive.

Cuthbert. Berries very large, measuring 3 inches around; conical; rich crimson; one of the old-time favorites.

Golden Queen. Berries are large, of beautiful bright yellow and of excellent quality; medium to late; very sweet.

Price of any of the above Raspberry Plants, \$1.25 per doz.; \$7.00 per 100.

Ranere Everbearing.—This yields its first crop of berries in June (the regular season), and yields an equally heavy crop the latter part of August and continues bearing right up to November.

It thrives equally well on sandy and heavy soil. The fruit is large, of a beautiful crimson color, very sweet and juicy and is borne in great abundance; does not seem to sunscald as easily as other sorts. A photo was made of a stalk which had by actual count 169 berries on one stem. This will give some idea of its free fruiting qualities.

Price, \$1.50 per doz.; per 100, \$8.00.

If Raspberries are wanted by mail, add 15c. per doz. for postage.

STRAWBERRY PLANTS (Layer Plants)



Heritage

EARLY VARIETIES—Early Jersey Giant, Early Ozark, Senator Dunlap.

MID-SEASON VARIETIES—Big Joe, Bubach, Heritage, Restwaco.

LATE SEASON VARIETIES—Brandywine, First Quality, Gandy, Glen Mary, Stevens' Late Champion, Sharpless.

Layer Plants. Ready November 1st. 75c. per doz.; 25 for \$1.00; \$1.50 for 50; per 100, \$2.50; \$5.00 for 250; per 1000, \$17.50.

FALL FRUITING VARIETIES. "Peerless" (New). This variety is claimed to be the best fall bearing sort, producing right up to heavy frosts, as the fruit is protected by the large, vigorous foliage.

Progressive.
Superb.

Price of the Fall Fruiting Varieties, Layer Plants, ready November 1st: 75c. per doz.; 25 for \$1.00; \$1.50 for 50; 100 for \$2.75; \$6.00 for 250; 1000 for \$22.50.

If layer Strawberry Plants are wanted by mail, add 5c. per doz. and 15c. per 100 for mailing charges.

CHOICE FRUIT TREES

(Extra Strong Stock)

These can be shipped by express only.

APPLES

Baldwin. Large round, deep red, late variety.

Ben Davis. A late keeper; handsome striped fruit.

Grimes' Golden. Deep golden yellow; fine for Christmas.

Hyslop (Crab). Deep crimson with blase bloom.

Maiden's Blush. Clear pale yellow, with red cheek; fine.

Smokehouse. Yellow, striped bright red; crisp and juicy.

Stayman's Winesap. Fine variety; good keeper; deep red on a yellow ground.

Transcendent (Crab). Yellow, striped red; good yielder.

Price of Apple Trees: 6 to 8 feet high, \$1.75 each; 6 for \$9.00; \$15.00 per dozen.

APRICOTS

Alexander. Orange yellow with faint blush; firm, coarse flesh.

Catherine. Early, oblong shaped; rich orange with red cheek.

J. L. Budd. Early; light orange, similar to Catherine.

Price of Apricot Trees: \$2.00 each; 6 for \$9.00; \$15.00 per doz.

CHERRIES

Black Tartarian (Sweet). Large, purplish black; immense bearer.

Early Richmond (Sour). Dark red; medium size; splendid flavor.

Governor Wood (Sweet). Light yellow, shaded bright red.

Large Montmorency (Sour). Light red; very productive.

Windsor (Sweet). Large liver colored; fine fruit.

Price of Cherry Trees: 5 to 7 feet, \$2.00 each; 6 for \$9.00; \$15.00 per dozen.

PEACHES

Belle of Georgia. Free-stone; rich creamy white, red cheek.

Carman. Early; pale yellow, red blush; very fine.

Crawford's Late. Greenish yellow with dull red cheek.

Elberta. Medium; very large, yellow with red cheek.

Mountain Rose. Early; white with red cheek; free-stone.

Stump the World. White with red shading; free-stone.

Price of Peach Trees: 5 to 6 feet, \$1.25 each; 6 for \$6.00; \$9.00 per dozen.

PEARS

Bartlett. Yellow, shaded blush; very sweet and juicy; early.

Kieffer. A fine variety for late autumn, and for canning.

Lawrence. Canary yellow; sweet and a splendid keeper.

Seckel. Small; yellowish brown; very sweet and juicy.

Price of Pear Trees: 5 to 7 feet, \$2.00 each; 6 for \$10.50; \$17.50 per doz.

PLUMS

Abundance. Amber, turning to a rich, bright cherry color.

Burbank. Orange yellow, overlaid red; rich and sugary.

Hale. Bright orange yellow, mottled cherry red.

Price of Plum Trees: 5 to 6 feet, \$2.00 each; 6 for \$10.50; \$17.50 per doz.

QUINCES

Champion. Very prolific bearer; large fruit.

Meech. Large fruit; bright orange yellow; bears young.

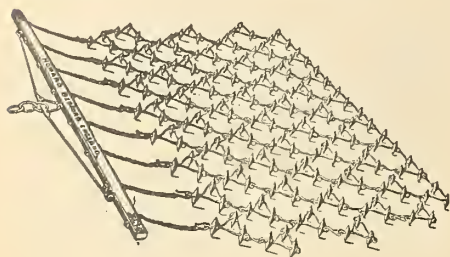
Orange. Round; golden yellow; fine for preserving.

Price of Quince Trees: 4 to 5 feet, \$2.00 each; 6 for \$10.50; \$17.50 per doz.

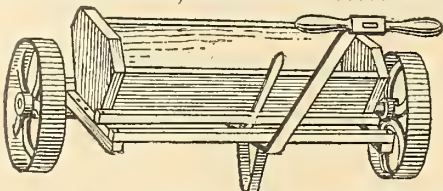
NOTE.—We can also supply all other varieties of Fruit Trees.

MICHELL'S FARM AND GARDEN ACCESSORIES

SCOTCH CHAIN HARROW



No. 1F.	One-horse size, 5x6 feet.....	126	\$40.00
No. 2F.	Medium two-horse, 6x7½ feet.....	236	50.00
No. 3F.	Full two-horse size, 9x11 feet.....	357	60.00

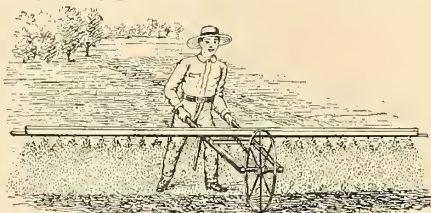


THE STEVENS FERTILIZER DISTRIBUTOR

For distributing bone meal, wood ashes and other commercial fertilizers on fields, lawns, golf courses, etc., also for sanding putting greens. Insures perfect and even distribution, requiring less time than by the broadcast hand process.

Hand Machine. Holds about 1¼ bu., covering area 3 feet wide. Nicely finished. Price, \$17.50, f. o. b. Philadelphia.

Horse Machine. For use on large lawns, fields and golf grounds. It has a device for regulating the quantity that is to be sown. It is equipped with broad tires, which do not readily cut into the ground. Equipped for either one or two horses, as may be desired. 5-ft. 10-in. spreading area, price \$57.50. 8-ft. 3-in. spreading area, price \$62.50.



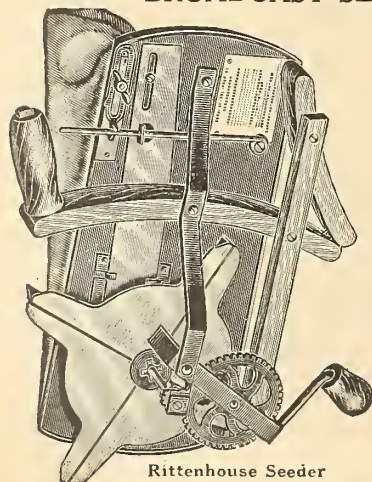
WHEELBARROW GRASS SEEDER

This machine is now largely used for distributing grass and other seeds over large areas. The distributing box is very near the ground, which is an important feature, preventing the seed from blowing away and thus coming up unevenly.

No. 9 (especially for Grass Seed), \$15.00.
No. 5, \$14.00.

These seeders sow an area 14 ft. wide.

BROADCAST SEED SOWERS



Rittenhouse Seeder



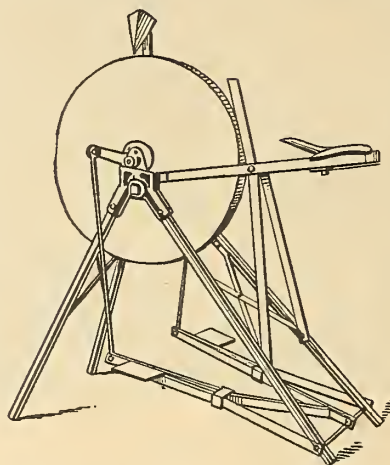
Cahoon Seeder

For accurately sowing Timothy, Clovers, Millets and heavy seeds of grass and other farm crops. Can be regulated to sow any required quantity per acre. **Cahoon Make**, each... \$5.00
Rittenhouse, each... 2.75

One of the best implements for pulverizing the surface soil, leveling and smoothing, and is also splendid for covering grass seed, etc. Used on driveways and race tracks, it smooths the surface, eliminating ruts and foot-prints.

Weight, Lbs. Price

STERLING MOUNTED GRINDSTONES

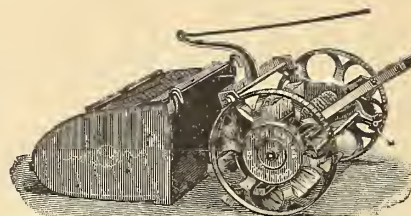


Strong; easy running; substantially made; heavy steel frame, securely braced, with seat and double treads; cranks and crank shaft, fitted with improved ball bearings, encased so they will keep clean. The balls cannot work loose or drop out, and the bearings are of the very best quality. They are practically frictionless. Stone, 19 to 22 inches diameter, 1¾ to 2¼ inches thick.

Weight, 100 lbs.

Shipped knocked down, crated. Price, \$12.50.

APOLLO LAWN CLEANER



Apollo Lawn Cleaner

For sweeping lawns, paths, putting greens, tennis courts, etc. The revolving brush gathers up the smallest particles, leaving the surface swept very clean. The sweeping area is 28 inches. Price, \$20.00.

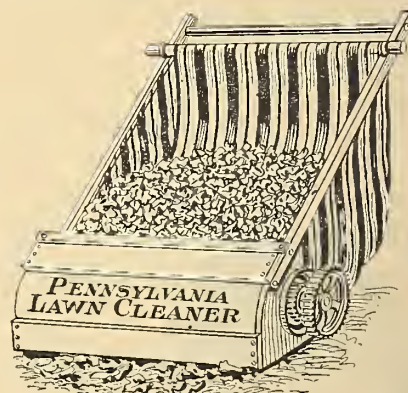
PENNSYLVANIA LAWN AND PUTTING GREEN CLEANER

The name "comb and brush for the lawn" has often been applied to it. The flexible rake bars are of wood, with steel springs and teeth; they rotate just like a lawn mower cylinder and clean up every particle of leaves, mown grass, litter or rubbish, throwing it into a receptacle or bag in the rear, which is of large capacity. This can be detached and emptied at will.

24-in. rake, \$35.00.

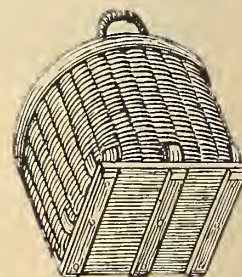
Penna. Putting Greens Sweeper, 24-in. \$25.00.

Sweeping Brushes. Can be readily attached to the Rake for sweeping putting greens, paths, etc. \$6.00 per set of three.



RUBBISH BASKETS

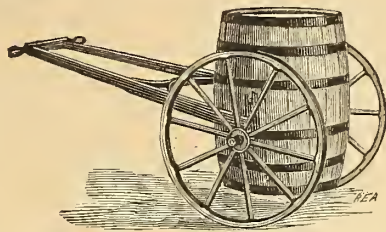
On all large places, on the lawn or in flower and vegetable gardens, a basket for gathering up rubbish and litter will be found a great convenience, especially when it is suited for the purpose. This basket holds 3 bushels and can be carried or wheeled from place to place on a barrow. Price, with rope handles, \$4.25 each.



Rubbish Basket

BARREL TRUCKS, ETC.

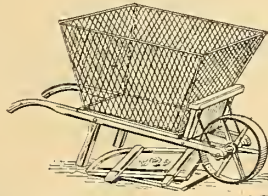
The price below includes barrel and truck. The latter is constructed so that the barrel may be detached quickly and the leaf rack attached.



1½-inch tire truck, all iron wheels, with barrel.....	\$25.00
2½-inch tire truck, all iron wheels, with barrel.....	26.50
3½-inch tire truck, all iron wheels, with barrel.....	28.00
Extra Barrels, with trunnions, open head.....	8.00

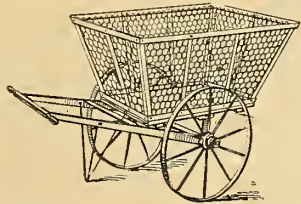
KEYSTONE LEAF RACKS

This device can be used on wheelbarrows with removable sides. Convenient for gathering leaves, cut grass and rubbish. Has a capacity of 10 bushels; made of galvanized wire, bolted to a wooden base. Price, not including wheelbarrow, \$7.50.



WIRE LEAF RACKS

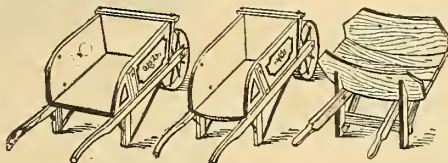
Excellent for gathering leaves, litter, grass, etc. They can be attached to a water barrel truck, as shown opposite, instantly. Wire and metal frame construction, thoroughly galvanized.



Leaf Rack only, no truck.....	\$13.50
Leaf Rack with 1½-inch tire truck.....	30.00
Leaf Rack with 2½-inch tire truck.....	32.00
Leaf Rack with 3½-inch tire truck.....	34.00

WHEEL BARROWS

The measurements of barrows are understood, viz.: Length, meaning inside length of body; depth, inside depth at front; width, outside width at handles.



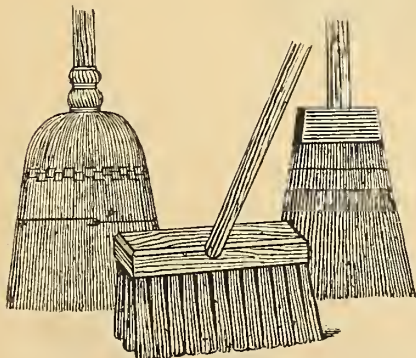
		Eastern	Greenhouse	Canal		
	No.	Tire In.	Length In.	Depth In.	Width In.	Price
Eastern	3	1½	28	11	22	\$ 8.50
Eastern (Boys')..	2	2	21¾	9¼	20	7.95
Victor	1	2½	27	12½	22	9.00
Victor	2	2½	30	13	23	10.00
Canal. Side dump (bolted).....						7.00
Special Greenhouse Style with narrow body and handle width						\$15.00

BROOMS

No. 230. Japanese Fibre (see cut)	\$0.85
No. 8. Corn and Rattan mixed.	1.25
Golf Greens (Birch) .....	.35
No. 7. Plain Corn, extra quality, (see cut).....	.85

ROAD BRUSHES (With Handles)

No. 271. Rattan Push, 14 in. (See cut)	\$1.50
No. 0286. Bass or Cocoa Push, 14 in.	1.50



RUBBISH CONSUMERS

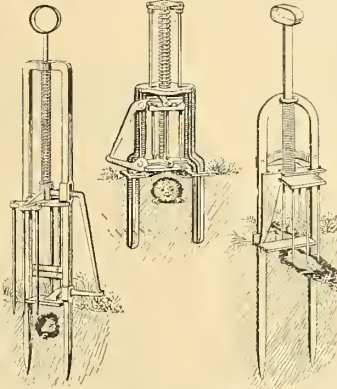
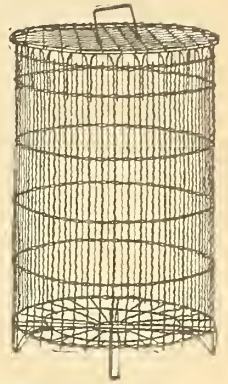
Made of galvanized wire, an indispensable arrangement for burning rubbish, paper, leaves, etc., without endangering property.

Light Wire

No. 1, 20x30 in.....	\$5.50
No. 2, 17x25 in.....	4.50
No. 3, 14x21 in.....	4.00
No. 4, 12x18 in.....	3.50

Extra Heavy Construction.

No. 20, 20x30 in.....	\$16.00
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Reddick Olmstead Rittenhouse

MOLE TRAPS

Olmstead	\$1.75
Rittenhouse	1.50
Reddick	1.50
P. P.Wt. of the above 3 lbs.	

Complete Booklet on the Habits of the Mole mailed free, or included with each Mole Trap, if asked for at time of ordering.

HOW TO CATCH MOLES

Always press down the mound when setting the trap so that the lever which sets off the trap is level with the ground. Set the trap in the evening, as moles usually stir about very early in the morning.



THE BALL CELERY BLEACHER

A practical, inexpensive device for bleaching celery early; made of stiff, heavy paper. If the tubes are to be left on the plants all winter and the soil drawn around them, you get celery clean and sweet.

			Per 50	100	1000
No. 1. 6 x 12 in. Wt. Per 100, 8 lbs..	\$1.50	\$2.75	\$21.00		
No. 2. 6½ x 13 in. Wt. Per 100, 10 lbs..	1.65	3.00	25.00		
No. 3. 7 x 14 in. Wt. Per 100, 14 lbs..	1.75	3.25	28.00		

BALL CELERY HANDLER

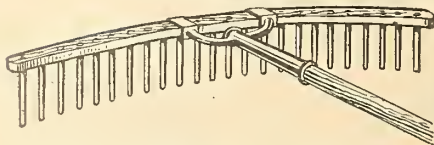
Brass, \$4.50 each. Tin, \$1.75 each



PLANET JR.
CELERY
HILLER

Double, for hilling one side of 2 rows. Price.....\$36.00

MICHELL'S LAWN AND GARDEN ACCESSORIES



OLE OLSEN LAWN RAKE

This rake head is slightly curved from the centre to each end, which does not allow any material that has been caught by the teeth to slip around the edges.

26-tooth, hickory wood. Price, \$1.25.

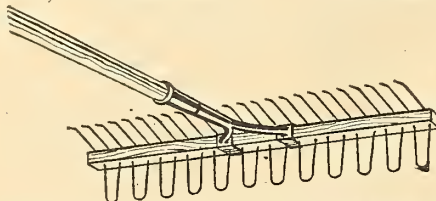
THE GEM DANDELION RAKE

No. 2

The rake is so constructed that it cuts off the flower heads and buds, preventing further propagation from seed, when the plants themselves will soon die out.

The rake is self-cleaning; it can also be used for leaves or grass.

No. 2, 24 inches wide.....\$4.00 each
No. 1, 16 inches wide..... 3.00 each

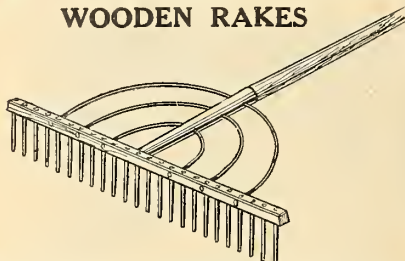


WIRE LAWN OR GRASS RAKE

Made of heavy tinned steel wire. These are excellent for lawn or walk work. The rake is reversible.

No.	Tooth	No.	Tooth
124 R	24..\$1.00	36 LR	36 \$1.50
No. 342	42-tooth.....\$1.75		

WOODEN RAKES



Ames, No. 37X. 24-tooth, steel bows, for lawns\$1.50
Ames, No. 30X. 14-tooth, hard wood bow rake, for hay and field use.....1.25
Wire Braced. 20-tooth, lawn..... .75

STEEL GRAVEL RAKES

These rakes are used for road-making and for paths. Having very short teeth, they do not gather up stones or gravel.

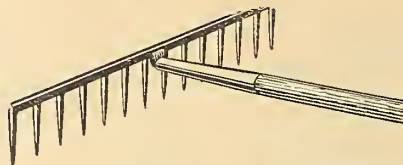
No.	Tooth	No.	Tooth
G12	12..\$1.05	G16	16..\$1.25
G14	14.. 1.15	G18	18.. 1.35
G 20	20-tooth.....\$1.45		



STEEL BOW RAKES

Preferred by many to the regular garden rake. The teeth are slightly bent toward the operator.

No.	Tooth	No.	Tooth
B 12	12..\$1.05	B 14	14..\$1.15
B 16	16-tooth.....\$1.25		



STEEL GARDEN RAKES

Made of best cast steel, with long teeth.

No.	Tooth	No.	Tooth
10	10....\$0.95	16	16....\$1.10
12	12.... 1.00	18	18.... 1.20
14	14.... 1.05		

HOE AND RAKE (COMBINED)

An excellent tool for ladies, combining simplicity and utility. Made of the very best steel, which will outlast several cheaper tools of the same class.

No. 4P.	4-prong....\$1.00
No. 6P.	6-prong.... 1.10.



HALF MOON HOES

Best steel, solid sockets, which will not pull out.

No. HM3.	3-inch.....\$0.95
No. HM4.	4-inch..... 1.05
No. HM5.	5-inch..... 1.05
No. HM6.	6-inch..... 1.10
No. HM7.	7-inch..... 1.10
No. HM8	8-inch..... 1.15



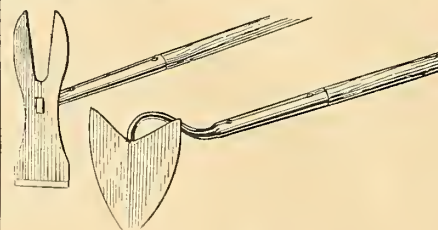
SQUARE HOES

No. G06.	6-inch, solid shank.....\$1.00
No. G07.	7-inch, solid shank..... 1.10
No. G08.	8-inch, solid shank..... 1.20
No. 010.	10-inch, for celery..... 1.75
No. K14 1/2.	14-inch, for celery..... 2.25

TWO-PRONG ONION HOE

Will be found very valuable in weeding in narrow rows. (See cut below).

No. 2P.	Price.....\$0.75
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WARREN HOES

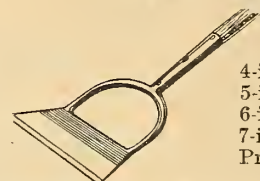
Excellent tools for making drills preparatory to sowing of seed. The backs can be used for covering. (See cut above).

No. W7\$1.10—No. W8\$1.20
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Our Garden Tool and Sundries Department we believe to be the most fully equipped of any seed store in the United States.

SCUFFLE HOES

Made of best steel.



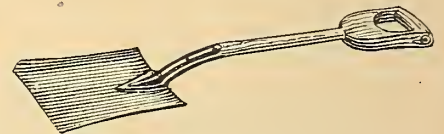
4-inch	.....\$1.40
5-inch	..... 1.50
6-inch	..... 1.60
7-in., 8-in., 10-in.	Price upon application.

Handles for Scuffle Hoes, 15c. each extra.



STEEL SPADES

Ames	.....\$3.00
Portage City	..... 2.00
Nursery (Ames)	..... 3.75
Boys'	..... 1.75



SHOVELS LONG HANDLE

Ames, round point.....\$3.00
Portage City, round point..... 2.00
Portage City, square point..... 2.00

SHORT HANDLE

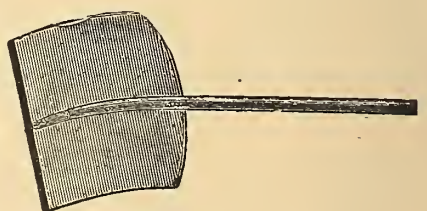
Ames, round point.....\$3.00
Ames, square point..... 3.00
Portage City, round point..... 2.00
Portage City, square point..... 2.00



STEEL SCOOP SHOVELS

All equipped with strapped shanks, wood D or short handles.

No. 2, 10 -inch mouth.....\$1.75
No. 3, 11 -inch mouth..... 2.00
No. 4, 11 1/2 -inch mouth..... 2.10
No. 5, 12 -inch mouth..... 2.20
No. 6, 13 -inch mouth..... 2.25



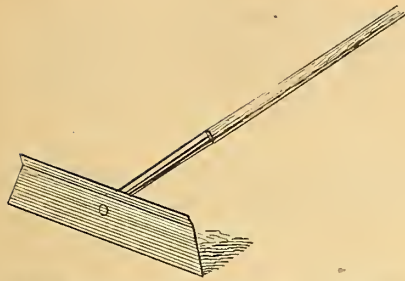
SNOW SHOVELS

Adams, wood (see cut), wood D handles	.....\$1.25
Phillips, wood, long handle.	..... 1.25
Owosso, galvanized, style like Adams	2.00



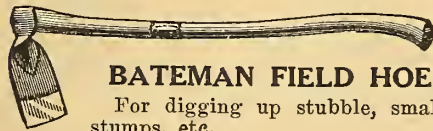
REDDICK'S POTATO SCOOP

Made of heavy steel wire.....\$3.00



MEHLER HANDY SCRAPER

This was originally designed as a dropping-board scraper in poultry and pigeon houses. It gets in the corners easily and has a sharp crimped edge on the upper side, which is used to loosen up any hard substance. It is also suited for a variety of other work around the farm or garden. Price, \$1.50.



BATEMAN FIELD HOE

For digging up stubble, small stumps, etc.

- | | | |
|--------|--------------------------|--------|
| No. 1. | 5½-inch blade, each..... | \$2.50 |
| No. 2. | 6½-inch blade, each..... | 2.75 |
| No. 3. | 8 -inch blade, each..... | 3.00 |



SPADING FORKS

Strapped shanks, short or D-wood handle. Made of best quality steel.

- | | | |
|-----------|--------------------------|--------|
| No. OHW. | Men's 4-tine..... | \$2.25 |
| No. O5HW. | Men's 5-tine..... | 2.50 |
| No. B4D. | Boys' or Ladies', 4-tine | 1.10 |
| No. EB4. | English, heavy tine.... | 2.50 |



MANURE FORKS

Strapped Shanks.

- | | |
|--------------------------------------|--------|
| 04W—4-tine, light, short handle.... | \$1.75 |
| 163 —4-tine, heavy, short handle.... | 2.00 |
| 05W—5-tine, medium, short handle. | 2.00 |
| 06W—6-tine, medium, short handle. | 2.00 |
| 044½—4-tine, long handle..... | 1.25 |
| 054½—5-tine, long handle..... | 1.50 |

English Digging Fork, No. EB4

Though made in America, it is made exactly after the pattern of garden forks such as are made and used in England. The prongs are solid steel, with square instead of rounded edges, which adapts it especially for digging in heavy soil, in which it works with ease. Every gardener should add one of these to his collection of tools, as we know it will give him splendid satisfaction. \$2.50 each.



MANURE DRAGS

For manure, potatoes, etc. Flat tines.

- | | | |
|-----------|--------|--------|
| No. 4BHF. | 4-tine | \$1.35 |
| No. 6BOH. | 6-tine | 1.65 |



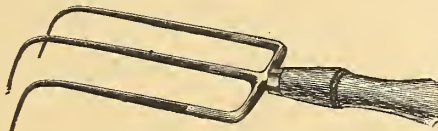
Eureka Weeding Fork, No. G

Made of best flexible steel; splendid for loosening soil in the garden, in hotbeds, etc. 50c. Parcel Post Weight, 2 lbs.



Excelsior Weeding Fork, No. 300

Made of malleable steel, finished in tin. 25c. Parcel Post Weight, 1 lb.



EUREKA WEEDER, No. E

Made of flexible steel; very light; an ideal tool for market gardeners, florists and amateurs. 50c. Parcel Post Weight, 2 lbs.



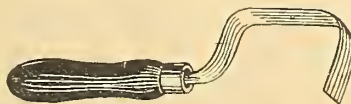
EXCELSIOR WEEDER

Made of malleable iron, finished in tin. 25c. Parcel Post Weight, 1 lb.



MAGIC WEEDER

Made of heavy galvanized flexible wire, with flattened prongs or ends. Short Handle, Small, 25c. Short Handle, Medium, 35c. Long Handle, Large, \$1.50.



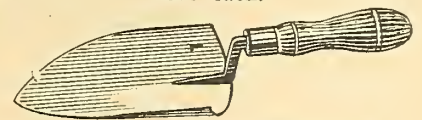
HAZELTINE HAND WEEDER

No. BW1, 50c. Parcel Post Weight, 1 lb.



MAKEFIELD WEEDER

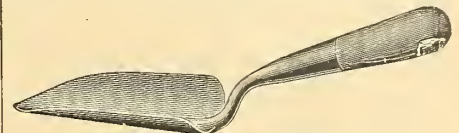
A splendid little tool for weeding in the garden seed bed, greenhouse or hotbed; made of fine tool steel, it can be sharpened easily and does not become dull readily; with it you can work closer to seedlings in a row than with any other tool we know of. 60c each.



Johnson Steel Trowels, No. 211

These are made of one piece steel blade and shank, equal to the imported trowels.

P. P. Wt.		P. P. Wt.	
5 in.....	1 lb. \$0.75	7 in.....	1 lb. \$0.90
6 in.....	1 lb. .80	8 in.....	1 lb. 1.00



D. S. T. Steel Shank Trowel

These are somewhat long in blade and handle, making a very practical tool. 6-in. blade. Will last a lifetime. 85c. each.

Parcel Post Weight, 1½ lbs.



Cleves' Angle Trowel, No. 217

For getting dandelion, pliantain and other weeds out of the lawn, and transplanting.

	P. P. Wt.	Each.
5 inch.....	1 lb.	\$0.25
6 inch.....	1 lb.	.30
7 inch.....	1 lb.	.35

MISCELLANEOUS TROWELS

	P. P. Wt.	
No. 213—5 in.....	½ lb.	\$0.20
No. 213—6 in.....	½ lb.	.25
Neverbreak—6 in., heavy steel		
1 lb .....		.25



DIBBLES

For Planting Bulbs, Etc.

Equipped with wooden handles.

No. 2180. Brass point, \$1.00.

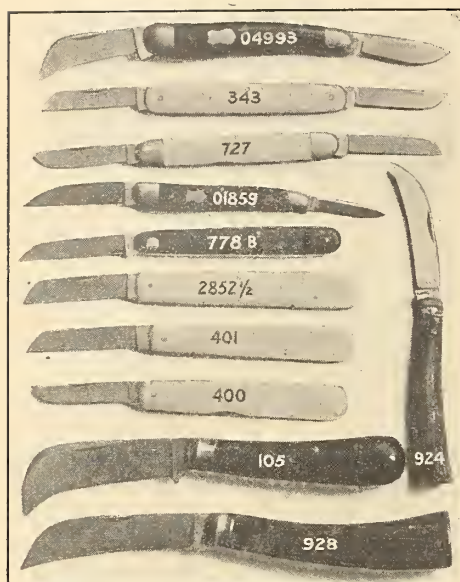
No. 218. Iron point, 70c.

Parcel Post Weight, 1 lb.

All prices subject to market changes.

(oe)

MICHELL'S FARM AND GARDEN TOOLS



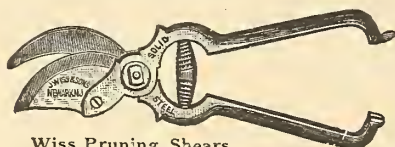
HORTICULTURAL KNIVES

A good knife is an essential to every gardener and florist. Our stock consists of such styles that are practical and in demand. They are all of the best steel. Every one is guaranteed to be perfect and give good satisfaction.

No.	Blades	Style	Handle	Each
343	2	Saynor, brass lined,	ivory.	\$3.75
727W	2	Brass lined,	white.	1.75
04993	2	Steel lined,	ebony.	1.75
400	1	Saynor, not lined,	ivory.	3.75
401	1	Saynor, not lined,	ivory.	3.50
2852 1/2	1	Not lined,	bone.	1.25
928	1	English, steel lined,	stag.	2.75
924	1	English, steel lined,	stag.	2.50
778B	1	Brass lined,	ebony.	.85
105	1	Heavy, steel lined,	cocoa.	1.25
303	2	Saynor, Pruning,	stag.	2.50
187	Saynor, Pruning,	1 blade.		3.25
204B	Saynor Budding,	1 blade.		4.25

PRUNING SHEARS, ETC.

Our pruning shears are procured from the most reliable makers in America and all are fully guaranteed.



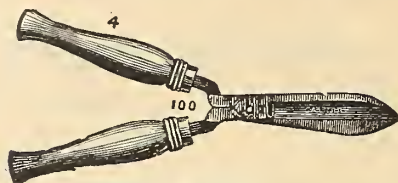
Wiss Pruning Shears

No.		P. P. Wt.	Each
109	Wiss, 8 in.	2 lbs.	\$4.50
60	Pexto American, 9 in.	2 lbs.	1.50
65	Pexto American, 9 in.	2 lbs.	2.00
R165	Pexto American, 9 in.	2 lbs.	2.25
R170	Pexto American, 9 in.	2 lbs.	2.50
23	Henkel, 4 1/2 in.	1 lb.	2.00
23	Henkel, 6 1/2 in.	1 lb.	2.25



14	Nickel, 6 1/2 in.	1 1/2 lbs.	1.40
0	American		.60

Spiral Springs for any of the above Pruning Shears. 15c. each; per doz., \$1.50. Parcel Post Weight, per doz., 1/2 lb.



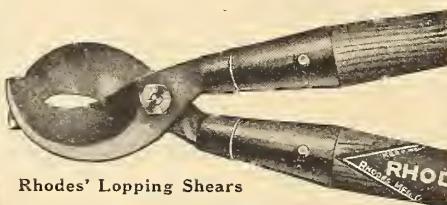
HEDGE SHEARS

No.		American English	P. P. Wt.	Each
1.	6 1/2-inch, Ladies'	.4 lbs.	\$1.50	....
101.	8-inch	4 lbs.	2.35	\$3.50
101.	9-inch	5 lbs.	2.65	3.75
01.	10-inch	5 lbs.	3.00	4.75
01.	12-inch	6 lbs.	4.00	6.00

Bolts and Nuts for hedge shears, 25c. complete.

Handles for Hedge Shears, 75c. per pair.

P. P. Weight on Handles, 2 lbs. per pair.



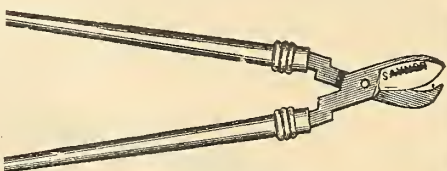
Rhodes' Lopping Shears

LOPPING SHEARS

For trimming trees and cutting heavy hedges.

Rhodes Lopping Shears—Makes an absolutely clean, perfect cut; the blades are concaved at the cutting edge, producing with the handles an enormous leverage. They are the easiest operating Lopping Shears ever made or sold. 24-inch and 28-inch handles. Price, \$5.00.

Parcel Post Weight, 5 lbs.

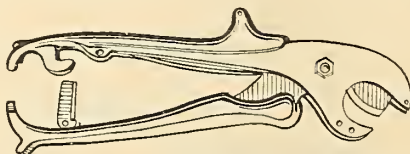


English Lopping Shears

No. 109 English Lopping Shears. 4-inch cut; made of the finest English steel; has great cutting power; will sever heavy branches readily. Price, \$7.00.

No. 5400 Clyde Lopping Shears. 24-inch handles; a splendid, medium-priced tool; made of good steel. Weight, 5 lbs.; 1 1/2-inch jaw. Price, \$4.00.

No. 5400 Clyde Lopping Shears. 30-inch handles. Weight, 5 lbs. This shear has a straight jaw so that it will handle a limb up to at least 2 1/2 inches in diameter; fitted with an adjusting nut to keep it tight. Price, \$4.25.



LEVIN PRUNER No. 23

The handle of these shears affords a great deal of leverage, which makes very easy cutting possible. Price, \$1.25. Weight, 2 lbs.



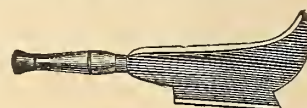
BRUSH OR BRIAR HOOK

No. 43. Steel cutting blade; long handle. Price\$1.50



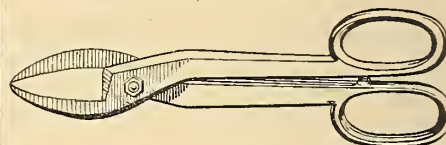
STEEL HEDGE KNIFE

For cutting heavy brush, shrubbery, hedges, etc. Made of the finest steel with a slight hook on blade. Each \$2.75.



ENGLISH BILL HOOKS

For trimming heavy shrubbery, trees, etc. P. P. Weight, 4 lbs. Short handle.....Price on application



WIRE AND TIN SHEARS

No. 833. 7 1/2 inch, used for cut flower wire, etc.\$1.35

No. 832. 8 inch, used for cut flower wire, etc.1.45

Parcel Post Weight, 1 lb.
10 inch for heavy wire and tin..... 1.75
8 inch for heavy wire and tin..... 1.60
Parcel Post Weight 2 lbs.

FLOWER SCISSORS



No. 1922. Cuts flower and holds the stem. Price\$1.75
Parcel Post Weight, 4 oz.

GRAPE SCISSORS



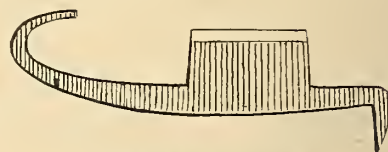
No.		P. P. Wt.
No. 6148.	6 inch.....	8 ozs.
No. 6148.	6 1/2 inch.....	8 ozs.
No. 6148.	7 inch.....	8 ozs.
No. 6148.	8 inch.....	8 ozs.

Price upon application.



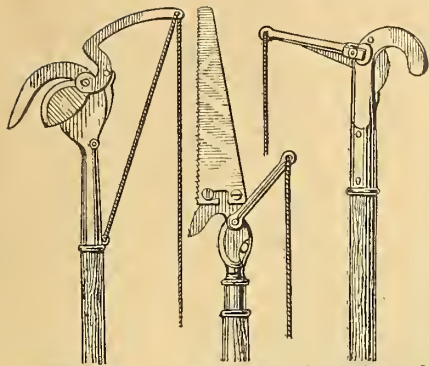
GRAFTING WAX

1/4 lb., 20c.; 30c. per 1/2 lb.; 1 lb., 50c.



GRAFTING TOOL

Made of the best steel. For grafting trees, etc. All steel. P. P. Weight, 1 lb.....\$1.00



Disston's Little Giant Disston's Little Giant With Saw Telegraph

TREE PRUNERS

Disston's Little Giant. Pruner.....\$2.75

Parcel Post Weight, 3½ lbs.

Disston's Little Giant. With saw attachment\$3.50

Parcel Post Weight, 4 lbs.

The above prices are for Pruner without rope or pole.

TELEGRAPH TREE PRUNERS

Removable blade, which can be renewed when worn out for 25c. Price, plain, without pole, \$2.00.

Parcel Post Weight, 2 lbs.

WATERS TREE PRUNERS



With removable cutting blade and pole complete.

4 feet\$2.25

6 feet 2.50

8 feet 2.75

10 feet 3.00

12 feet 3.25

Extra Blades for Waters Pruners, 25c. each.

The Waters Tree Pruners are equipped with poles.

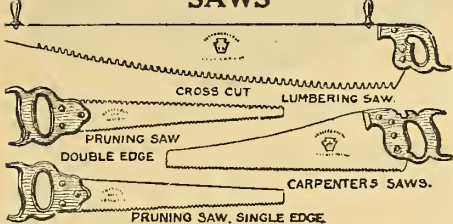
Waters Pruners are not available.

Poles for Tree Pruners

12 feet long\$2.00

14 feet long 2.25

SAWS



DISSTON PRUNING SAWS

P. P. Wt. Each

No. 40. 18-inch. Avery double edge2 lbs. \$1.35

No. 40. 20-inch. Avery double edge2 lbs. 1.45

No. 7. 16-inch. Single edge..2 lbs. 1.75

No. 7. 18-inch. Single edge..2 lbs. 1.85

No. 7. 20-inch. Single edge..2 lbs. 1.95

No. 7. 22-inch. Single edge..2 lbs. 2.05

CARPENTER SAWS

State if rip or cross-cut is wanted.

Disston No. 8D. 26-inch blade.....\$4.00

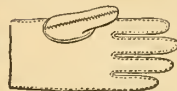
Disston No. 8D. 28-inch blade..... 4.60

CROSS CUT LOG SAWS

Disston Make.

Keystone No. 3, one-man, 3½ ft. blade.\$4.00

Gt. American, two-man, 5 ft. blade... 6.90

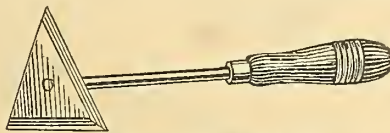


Parcel Post Weight, 1 lb. per pair.

No. 216. Horsehide, with gauntlets, lined\$2.85

No. 66. Horsehide, with gauntlets, not lined 2.75

No. 62. Buckskin, with gauntlets, not lined 3.50



TREE SCRAPERS

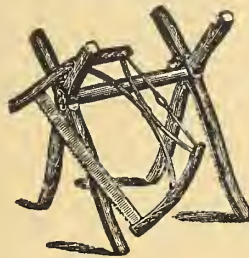
For removing loose bark from trees prior to spraying. Steel blade may be detached and sharpened. No. 5, short handle.

Parcel Post Weight, 1 lb.

TREE OR BARK BRUSHES

For brushing down trees; for removing insects, borers, etc. Made of steel.

Price, 8½-inch 50c.



BUCK SAW

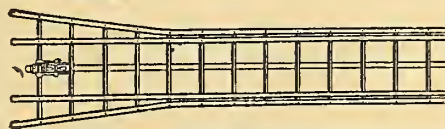
Each\$2.50

SAW-HORSE

or

WOOD BUCK

Each\$1.00



EXTENSION LADDERS

These are made in the best manner possible; are complete, being equipped with the necessary rope and pulleys.

16 feet\$12.80 26 feet\$20.80

18 feet 14.40 28 feet 22.40

20 feet 16.00 30 feet 24.00

22 feet 17.60 32 feet 27.20

24 feet 19.20 34 feet 28.90

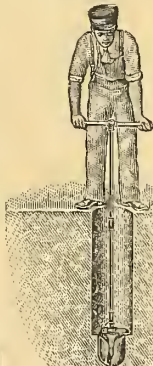
SINGLE PLANK LADDERS

Made of good hard wood, free from faulty knots and with perfect rounds.

10 feet\$6.00 16 feet\$ 9.60

12 feet 7.20 18 feet 12.60

14 feet 8.40 20 feet 14.00



POSTHOLE DIGGERS

No. 8. (See Cut.)

This bores a hole 3½ ft. deep and can be adjusted in diameter from 8 to 14 inches. \$6.00.

No. 15. Eureka, \$3.50

Post Hole Spade.

All steel with either point or tamper end, \$3.00.

LEATHER PRUNING GLOVES



STEEL HAMMERS

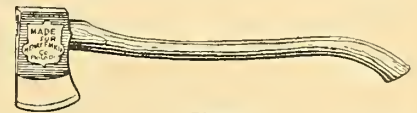
No. 011½ Pexto. Price, \$1.25 each.



HATCHETS

Made of the best quality tool steel, that will keep an edge.

No. 2 Pexto.....\$1.75



AXES

Kelly. Perfect, medium, man's size.\$3.00

Kelly. Perfect, boys' size..... 2.50



MONKEY WRENCHES

For machinery. Made of first quality hard steel; 8-inch, \$1.15; 10-inch, \$1.35.

Parcel Post Weight, 1 lb. each.



STEEL PLIERS

No.	P. P. Wt.	
133. Side cutting, 6 in.	1 lb.	\$1.25
133. Side cutting, 7 in.	1 lb.	1.40
195. Side cutting, button, 8 in.1 lb.		1.25



PEXTO SCREW DRIVERS

Parcel Post Weight, 1 lb. each.

4-in. blade ...\$0.35 7-in. blade ..\$0.65

5-in. blade50 10-in. blade .. .85

CHAMPION SCREW DRIVERS

4-in. blade ...\$0.50 8-in. blade ..\$0.80

6-in. blade65 10-in. blade .. 1.00



PICKS (Price includes Handle)

All steel. Double point, \$2.00; axe point, \$2.00.



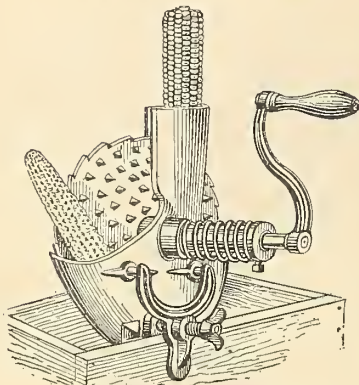
MATTOCKS (Price includes Handle)

Axe, pointed (see cut)\$2.50

Pick, pointed 2.50

Half Mattocks or Grub Hoes..... 2.00

MICHELL'S FARM AND GARDEN ACCESSORIES



Mann's Corn Sheller
CORN SHELLERS

Mann's

Excellent for small poultry farms, etc. Ball-bearing; suitable for fastening to a bench, box, etc. Price, \$4.00.

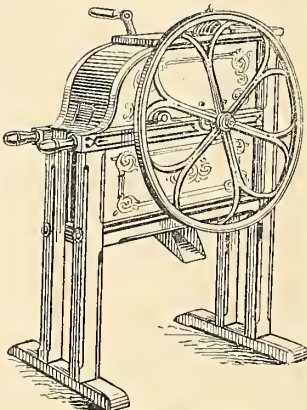
Black Hawk

For shelling small quantities of corn. \$4.00 each.

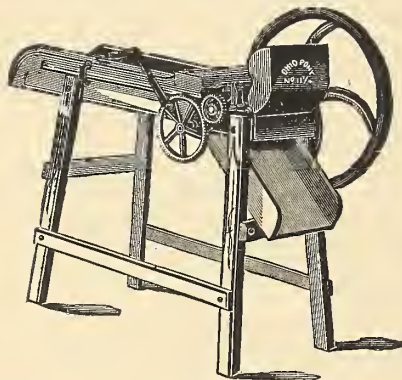
PENNA. CORN SHELLER, No. 3

Will be found useful on every farm and private estate. Separates the corn from the cob, throwing the cob to one side and allowing the corn to pass out at another.

Price, \$17.50



Penna. Corn Sheller



OHIO HAY AND FEED CUTTER

This is considered the finest machine for cutting hay, ensilage, etc.

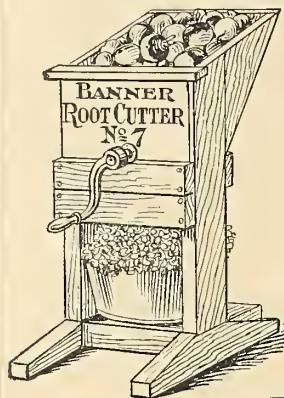
No. 11 1/4. Single knife\$32.50
No. 8 1/2. Double knife 42.50
Mann's Clover Cutter. Plain..... 13.50
On stand 15.50



CORN KNIFE

Eureka, bent blade. Weight, 2 lbs..\$1.00

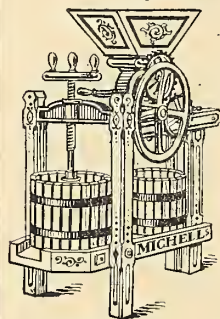
Banner Root Cutter



No. 7. For poultry, sheep and lambs, \$7.00
No. 16. Medium size, \$18.50.

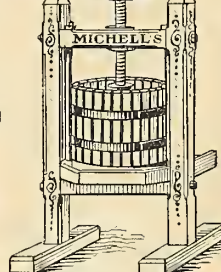
No. 35. Large size, \$20.00.

Roots of vegetables cut up fine take the place of grass and greens during the winter months.



CIDER MILLS

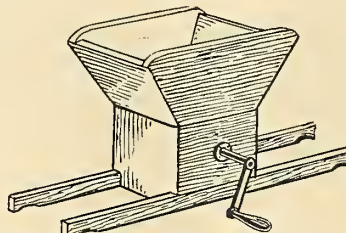
Junior\$32.00
Medium 40.00
Senior 55.00
Bantam 25.00



WINE PRESSES

Made of best quality wood, carefully bolted and finished.

No. 1\$11.00
No. 2 15.00
No. 3 18.00



GRAPE GRINDER

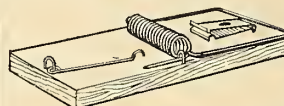
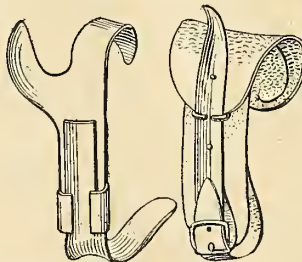
Suitable for crushing berries, grapes and similar soft fruit. Price, \$6.00.

HUSKING PINS

No. 15. Universal. (See cut). All metal; adjustable to any size hand. 25c.

No. 16. Combination; leather and metal. 35c.

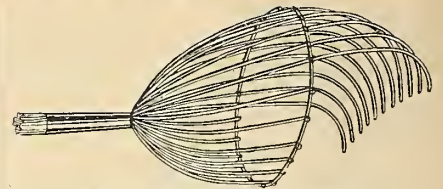
Parcel Post Weight, 4 ounces each.



OUT-O-SIGHT TRAPS

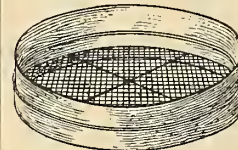
The most satisfactory mouse and rat trap. Set off at the least vibration.

P. P. Wt. Each
Mouse8 ozs. \$0.10
Rat1 lb. .25



BOSS FRUIT PICKER

Made substantially of galvanized wire. Can easily be attached to a pole of any length. Price, 60c. P. P. Weight, 2 lbs.



SIEVES

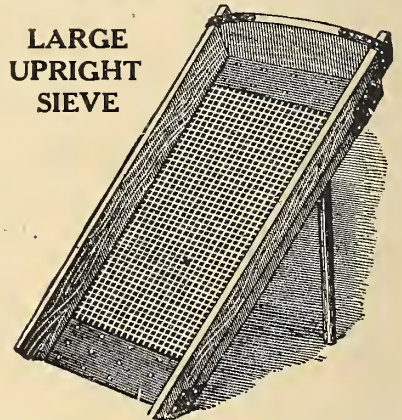
(Any Size Mesh)

Made extra well.

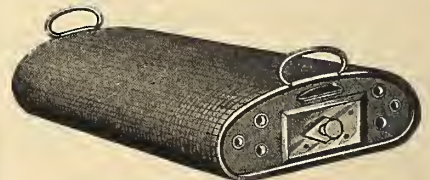
P. P. Wt. Each

20-inch Steel (Heavy)\$1.50
20-inch Galvanized wire.....6 lbs. 1.75
18-inch Galvanized wire.....6 lbs. 1.65

LARGE UPRIGHT SIEVE



For soil, gravel, sand, etc. Made in any size mesh, of extra heavy grade foundry wire. \$15.00 each.



AUTOMOBILE HEATERS

These will keep the temperature above freezing in most any ordinary closed vehicle during the severest weather.

No. 10. 3 Drawer, \$10.00.

No. 7B. Lehman, covered with green Brussels carpet; 14-in. long. \$6.60 each.

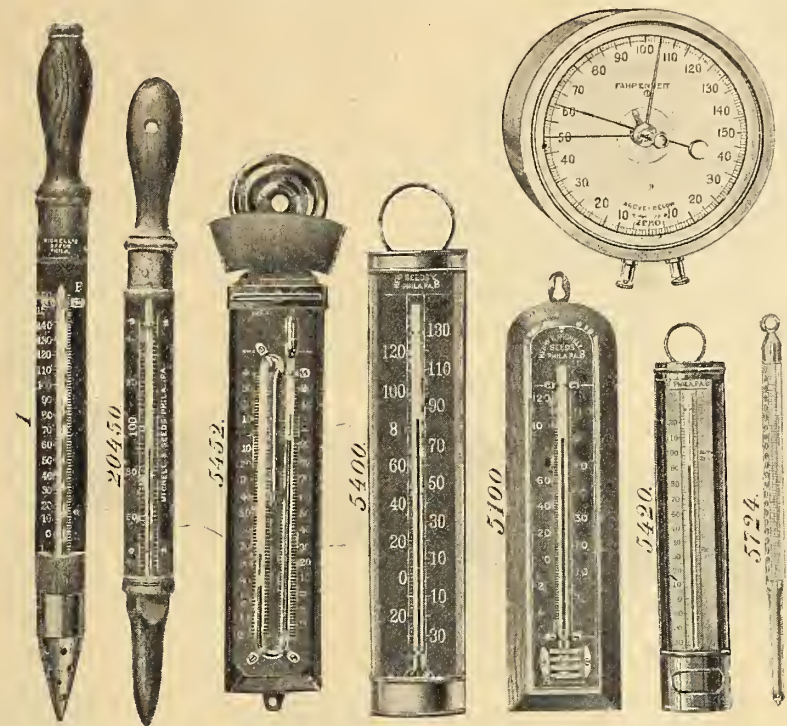
Coal for automobile heaters. \$1.25 per doz. bricks; per 100, \$8.50.

Tongs for handling hot coal, 35c. pair.

THE CLARK WAGON HEATER

This indestructible steel wagon heater is admirably suited to the needs of all who operate delivery wagons for goods subject to freezing. It yields a strong, steady heat without smoke or odor. Strong, safe and practical. Price \$3.50 each.





THERMOMETERS

No. 3 MAXIMUM AND MINIMUM

Registering the coldest and the warmest point during the previous night.
8-inch, each, \$5.00; 10-inch, each, \$5.75.

TESTED THERMOMETERS

No. 5420B—8 in., Tin Case.....	\$1.25
No. 5420B—10 in., Tin Case.....	1.50
No. 5420B—12 in., Tin Case.....	1.75
No. 5400—8 in., Genuine Copper Case	1.75
No. 5400—10 in., Genuine Copper Case	2.25
No. 5100—8 in., Wood Back, Black Scale	2.00
No. 5100—10 in., Wood Back, Black Scale	2.25

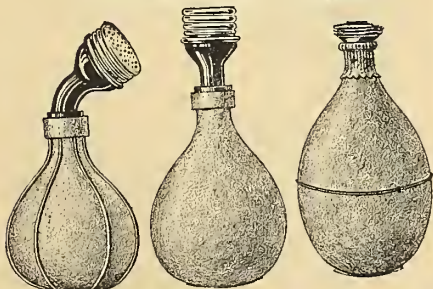
GLASS DAIRY THERMOMETERS

No. 5724. For testing milk, etc., also used for soil purposes. 85c. each.

MUSHROOM OR HOTBED THERMOMETERS

No. 2. Galvanized Iron Point.. Each \$2.25
No. 1. Brass Point, Paper Scale, Each 2.00

RUBBER SPRINKLERS



Either Straight Neck or Crook Neck.
Spraywell, 6-oz. cap. Wt. 8 ozs....\$0.85
" 8-oz. cap. Wt. 1 lb..... 1.09
" 10-oz. cap. Wt. 1 lb..... 1.25
Scolley No. 1. Wt. 1 lb..... 1.50

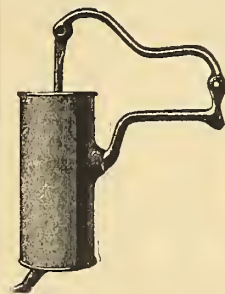
ELECTRIC THERMOSTAT

This device can be set to ring an alarm when the temperature goes above or drops below a desired point. All brass. Regular style, \$12.00; Waterproof style, \$17.00. See illustration above.

Please note we do not guarantee the safe arrival of thermometers when sent by parcel post.

PUTTY DISTRIBUTOR

For distributing putty, mastic, etc.
Price, \$1.50. Parcel Post Weight, 1 lb.



Mastica Machine



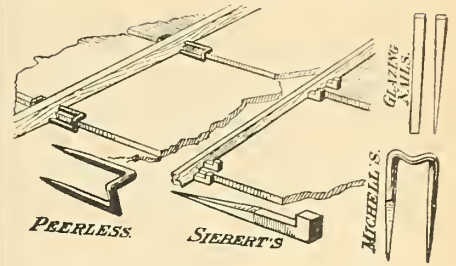
Putty Distributor

MASTICA

For glazing greenhouses, new or old. One gallon will cover about 300 running feet.
1 gallon.....P. P. Wt. 15 lbs. \$3.00

MASTICA MACHINE

For distributing mastic, etc. Made of heavy zinc. Price, \$3.25. P. P. Wt., 2 lbs.



GLAZING POINTS

Michell's Glazing Points. Nos. 2 and 2½, 75c. per 1000. By mail, 85c. per 1000.

Peerless. Three sizes.

No. 1, for single thick glass.

No. 2, for single thick glass.

No. 2½, for double thick glass.

Price, 75c. per 1000. By mail, 10c. per 1000 extra.

Pincers. For driving Michell's and Peerless Points, 60c. By mail, 65c.

Siebert Style. Made with a prominent head; cannot rust; easily driven. ⅝, ¾ and ⅞ inches long. Zinc, 55c. per lb.; 5 lbs., \$2.60. 1000 to 1200 in a lb.

Zinc Glazing Nails. 50c. per lb.; 5 lbs., \$2.40.



GLASS CUTTERS

Single Wheel, steel, each.....	\$ 0.20
6-Wheel, steel, each.....	.60
Diamond (Ebony handle).....	4.50
Diamond (Cocoa handle).....	5.50

PERMANITE GLAZING CEMENT

Apply with a mastic machine or "Permanite" Gun. Price of Gun.....\$7.50
1 gal.....\$2.75 5 gal.....\$12.50



GLASS CLAMPS

For supporting broken lights of glass.
Per box of 100, \$1.75. P. P. Wt., 1¼ lbs.

TWEMLOW'S PUTTY

Superior to putty, more easily applied and lasting. Can be put on with a putty bulb or mastic machine.

16-lb. can (1 gal.) P. P. Wt., 18 lbs..	\$ 3.50
50 lbs. (3 gals.)	10.35
80 lbs. (5 gals.)	17.00

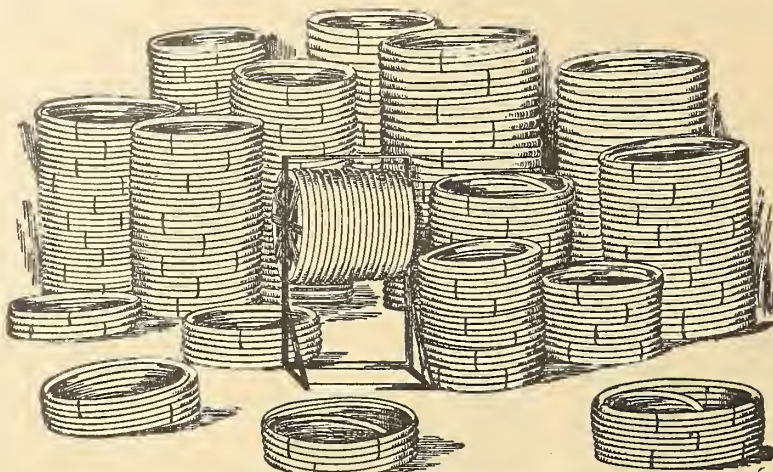
Hammond's Greenhouse White

A superior white paint. 1 gal., \$4.50.

56 MICHELL'S GARDEN AND GREENHOUSE ACCESSORIES

HOSE

Our stock of this is unusually reliable. Our very large sales enable us to deal direct with the factory, where we obtain lowest prices, which we in turn give our customers the benefit of. Sections of hose in lengths of 25 feet and upward coupled free; smaller sections, couplings, attached, 35c. per pair.



RUBBER HOSE

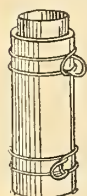
Special attention is called to "Empire Red" Hose, a new brand which, having been thoroughly tried out, has made good.

	Wt. per Ft.	Ft.
*Michell's Special, 1/2 in....	4 ozs.	\$0.21
*Michell's Special, 3/4 in....	5 ozs.	.23
*Electric, 3/4 in.....	5 ozs.	.24
*Electric, 1/2 in.....	4 ozs.	.22
*Empire Red (Corrugated)... 3/4 in.		.24
Spray Pump Hose, 3/8 in....	3 ozs.	.15

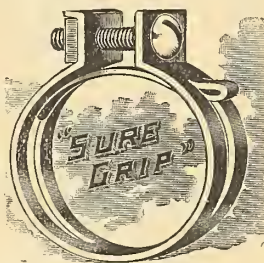
P. S.—Brands marked * come in reels of 500 feet and sections in any length to that number of feet may be had.

25- and 50-foot sections of hose coupled free. Smaller sections coupled at the rate of 35c. per pair for couplings attached.

Hose Washers. For inside and outside of coupling. 1 inch, 15c. per doz.; 1/4 lb., 50c.; 3/4 inch, 10c. per doz.; 1/4 lb., 35c.



Caldwell Band as applied to Hose



HOSE BANDS

For fastening couplings and menders.

CALDWELL'S

No.	Doz.	100
8. For 3-ply hose.....	\$0.40	\$2.75
6. For 4-ply hose.....	.40	2.75
Parcel Post Wt., doz., 1/4 lb.; 100, 2 1/4 lbs.		

HUDSON'S

See illustration in Hudson Hose Mender Outfit cut opposite.

	Doz.	100
3/4-inch	\$0.18	\$1.25
1/2-inch .....	.18	1.25
Parcel Post Wt., doz., 1 lb.; 100, 9 1/2 lbs.		

SURE GRIP

3/4-inch, 6c. each; per doz., 50c. Parcel Post Wt., doz., 1 lb.; 100, 9 1/2 lbs.



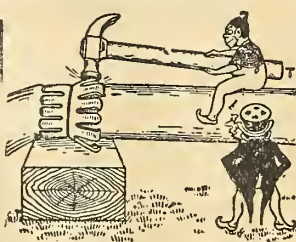
Cooper Hose Mender

HOSE MENDERS

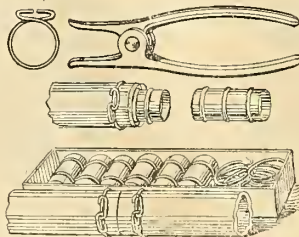
	P. P. Weight	Each	Doz.
Cooper's 3/4-inch 1 1/4 lbs.		\$0.12	\$1.25
Cooper's 5/8-inch 1 lb.		.12	1.25
Cooper's 1/2-inch 1 lb.		.12	1.25
Iron, 3/4-inch 2 1/4 lbs.		.10	1.00
Hudson's 3/4-inch (brass), 1 1/2 lb.		.08	.85
Hudson's 1/2-inch (brass), 6 ozs.		.07	.75

THE PERFECT HOSE MENDER

Made entirely of brass, with swivel motion — No band required. For 3/4-inch hose, 15c. each; doz., \$1.50.



Parcel Post Weight, per doz., 1 3/4 lbs.

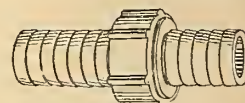


HOSE MENDING OUTFIT

(For 3/4-inch Hose)

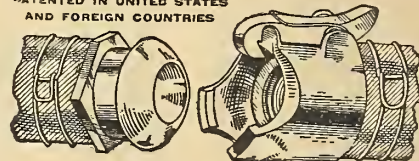
Furnishes a complete outfit, consisting of 6 menders or connections, 18 bands or fasteners, and a pair of pliers for fastening bands. Price, \$1.00 each. Parcel Post Wt., 1 lb.

HOSE COUPLINGS



	P. P. Weight	Doz.	Pair	Doz.
Regular, 1/2 inch (See cut)		3 1/4 lbs.	\$0.30	\$3.00
Regular, 3/4 inch....		4 lbs.	.30	3.00
Perfect Hose Coupling, 3/4-inch, 30c. each; doz., \$3.25.				

PATENTED IN UNITED STATES AND FOREIGN COUNTRIES



No. 2 Snap Coupling No. 1 Snap Coupling
SNAP HOSE COUPLING

Snap Couplings are entirely new and novel. They couple hose instantly, work on a spring, and are water-tight. 35c. pair; doz. pairs, \$4.00. (Washers, 20c. doz.)

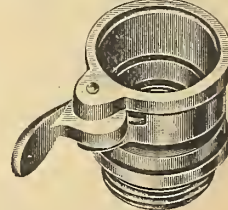
Parcel Post Weight, per doz., 2 1/2 lbs.

SNAP COUPLING PARTS

No. 2. Male. 15c. each; per doz., \$1.50. Parcel Post Weight, per doz., 1 1/4 lbs.
No. 1. Female. 25c. each; per doz., \$2.50. Parcel Post Weight, per doz., 1 1/4 lbs.



No. 3



No. 4

ACME HOSE COUPLINGS

For quickly connecting and detaching hose. No. 3 part, for attaching to spigot, 30c. each; doz., \$3.00.

Weight, per doz., 3 lbs.

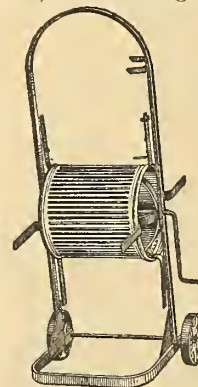
No. 4 part, for attaching to hose, 50c. each; doz., \$5.00. Weight, doz., 3 lbs.

Couplings complete, consisting of one No. 3 and one No. 4 part, 80c. each; per doz., \$8.00. Weight, per doz., 6 lbs.

HOSE REELS

Reels are not mailable.

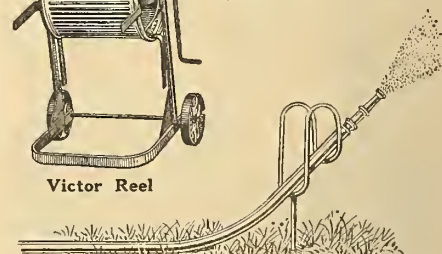
WIRT'S (All Iron)
10...100 ft...\$6.50
20...150 ft... 7.00
30...400 ft...10.50
Victor holds 100 ft.
3/4-in. hose. See cut.
\$4.00.

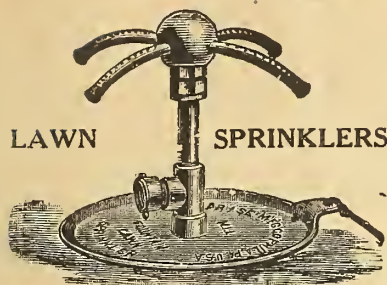


Victor Reel

NOZZLE HOLDERS

For sticking in the ground while one continues with other work. Made of galvanized heavy wire. Price, 25c. each. P. P. Wt., 8 ozs.





LAWN SPRINKLERS

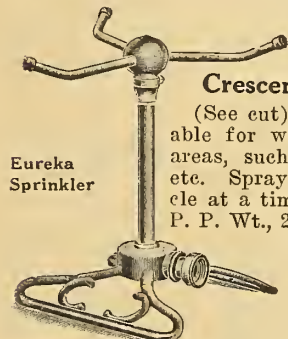
Enterprise Sprinkler

	Weight	Price
Enterprise. No. 1.....	14 lbs.	\$7.00
Ring or Fountain. Large.....	1 lb.	1.00
Pluvius. 11 in. high.....	3 1/4 lbs.	2.00



Ring Sprinkler

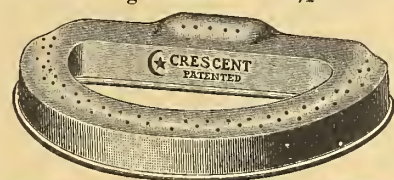
	Weight	Price
Universal. No. 65. 10 in. high.....	4 1/4 lbs.	\$2.75
Eureka. No. 55. 10 in. high.....	3 lbs.	2.00
Aetna. 24 in. high.....	6 1/4 lbs.	2.75
3-Arm Peck		6.00



Crescent Sprinkler

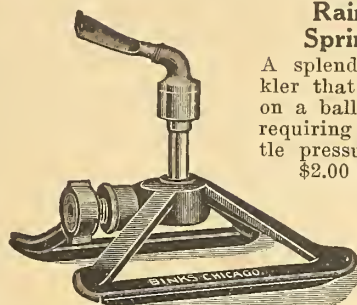
(See cut). All brass, suitable for watering confined areas, such as side yards, etc. Sprays only a 1/2 circle at a time. Price, \$1.00. P. P. Wt., 2 lbs.

	Weight	Price
Mayflower. 9 1/2 in. high.....	3 1/2 lbs.	\$2.00
Preston. 5 1/2 in. high.....	3 1/2 lbs.	2.00
Waterwitch. 8 3/4 in. high.....	1 lb.	.75
C. B. G. For golf links.....	3/4 lb.	.60



Campbell's Cico Sprinkler

Operates under a reasonable pressure, as there is nothing to revolve, except the water motor, which is a part thereof. This is one of the most recent important improvements in the way of lawn sprinklers. Price, \$16.00.



Binks Rainfall Sprinkler

A splendid sprinkler that operates on a ball bearing, requiring very little pressure. \$2.00 each.

TURBO SPRINKLERS

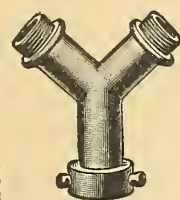
Especially designed for putting greens and for golf course fairways. Price, \$20.

PEACOCK SPRINKLERS

A pipe arrangement, equipped with nozzles set at various distances.

8 ft. Junior. \$10.00 | 12 ft. Peacock. \$17.50

No. 68 SIAMESE HOSE CONNECTION



This permits one lead of hose to be diverted in two directions. Additional three-way connections can be used, according to the water pressure. It is specially adapted for lawn sprinkling. Price, 75c. each.

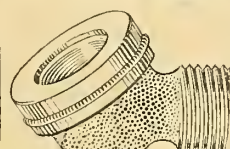
Parcel Post Weight, 1 lb.

Hose Reducers

For reducing 1-in. pipe to fit regular 3/4-in. hose.

Each\$0.75

Parcel Post Weight, 1 1/2 lbs.

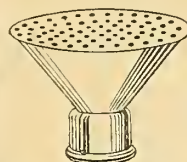


Hydrant Attachments

To be used for attaching hose to smooth faucets.

No. 2. For small spigot, 55c.
No. 3. For large or standard spigot, 60c.
Parcel Post Weight, 1/2 lb. each.

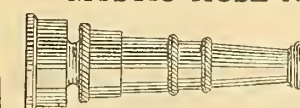
BOSTON SPRAY NOZZLES



These render the same service as does the rose of a watering can. They are screwed on the end of the hose like any other nozzle. Coarse and fine, for 3/4-inch hose.

	P. P. Wt.	Price
Light Copper	1/2 lb.	\$1.00
Heavy Brass	1/2 lb.	1.50

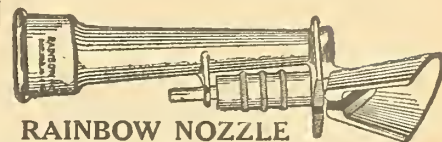
MYSTIC HOSE NOZZLE



streams. Price, 60c. Weight, 1/2 lb.

CHAMPION HOSE NOZZLE

A real champion for results; made of brass, with an adjustable feature that furnishes either a solid stream or a spray in varied degrees of fineness. Price, 85c.

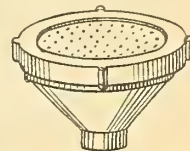


RAINBOW NOZZLE

An all-brass device with an adjustable arrangement, which regulates in a perfect manner the character of the stream this nozzle will throw. For 3/4-inch hose. Wt., 1 lb. Price, \$3.25.

BINKS NOZZLE

Made of aluminum, with brass face; equipped with interchangeable sprays, coarse and fine. It makes watering possible without wetting the hands. Positively the best and most indestructible nozzle made. \$3.25 each; worth twice the price. P. P. Wt., 1 1/4 lbs.



ALLEN HOSE NOZZLE

Similar to the Mystic nozzle. Price, 75c.

ROSE NOZZLE

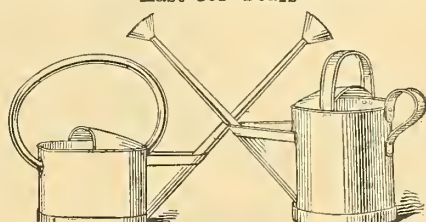
Useful for watering lawn and garden. Price, 40c.

UNIVERSAL NOZZLE

Similar in shape to the Mystic nozzle, has an automatic shut-off. Price, \$1.60.

WATER CANS (Wotherspoon's)

Extra Heavy—With Long Spout—Will Last for Years



Each Wotherspoon can comes equipped with two roses, one coarse and one fine. These cans not mailable. 2-quart (equipped with one rose only), \$2.00.

	Round	Oval
4 quart	\$3.50	....
6 quart	4.40	\$4.75
8 quart	4.75	5.00
10 quart	5.00	5.25
12 quart	5.25	5.50
16 quart	5.50	6.10
12 quart Manure Watering Can	5.50	....
4 quart Fern or Low Watering Can	3.50	....

EXTRA ROSES OR SPRAYS

For Wotherspoon Watering Can, either coarse or fine, \$1.00 each.

Parcel Post Weight on roses, 8 ozs.

ENGLISH WATERING CANS

Made of very heavy tin; carefully enameled inside and out; finished light green.

No. 2, 4 qt.....	\$3.50	No. 3, 6 qt.....	\$4.50
No. 4, 8 qt.....	4.00	No. 5, 10 qt.....	4.75

English Watering Cans are not mailable.

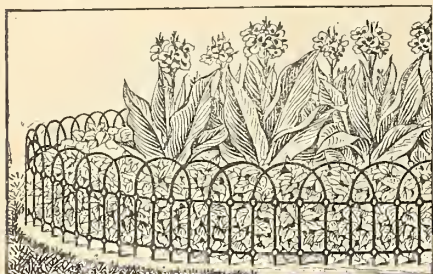
GALVANIZED WATER CANS

Fine for cemetery purposes and other places where a can is desired to last several seasons. (Not mailable.)

4 quart	\$1.00	12 quart	\$1.75
6 quart	1.15	16 quart	1.85
8 quart	1.35	20 quart	3.25
10 quart	1.60		

RUBBER APRONS

For protecting the clothing while watering or doing any work in the garden where your clothes could become soiled. \$3.50.



FLOWER BED FENCING

For putting around beds, lawns, etc. Any length desired up to 150 running feet.

16 in. Less than 150 ft. roll, 20c. per ft.
16 in. In roll lots, 150 ft., 16c. per ft.
22 in. Less than 150 ft. roll, 25c. per ft.
22 in. In roll lots, 150 ft., 19c. per ft.

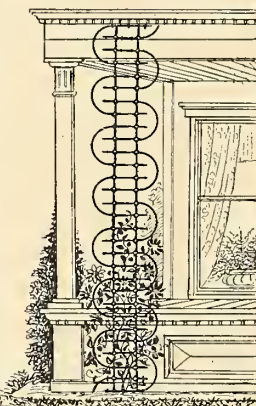
Continuous Wire Trellis

Excellent for training vines of all kinds up porch verandas, pergolas, etc. Thoroughly galvanized and well made.

Any length desired up to 150 running feet.

13 in. wide, less than 150 ft. rolls, 22c. per ft.
13 in. wide, in roll lots, 150 ft., 18c. per ft.

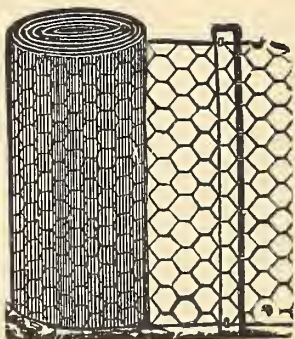
19 in. wide, less than 150 ft. rolls, 25c. per ft.
19 in. wide, in roll lots, 150 ft., 20c. per ft.



WIRE NETTING

Price is constantly changing and is subject to change.

No. 19 Galvanized, two-inch mesh, 150 running feet per bale.



Width	Per Bale	Width	Per Bale
12 inches	.....\$2.50	42 inches	.....\$ 6.50
18 inches	..... 3.50	48 inches	..... 7.50
24 inches	..... 4.25	60 inches	..... 9.00
30 inches	..... 5.00	72 inches	..... 10.50
36 inches	..... 5.75		

No. 20, galvanized, one-inch mesh, 150 running feet per bale.

Width	Per Bale	Width	Per Bale
12 inches	.....\$ 5.00	42 inches	.....\$13.00
18 inches	..... 7.00	48 inches	..... 15.00
24 inches	..... 8.50	60 inches	..... 18.00
30 inches	..... 10.00	72 inches	..... 21.00
36 inches	..... 11.50		

STAPLES

3/4 inch, for fastening netting, 15c. per lb.

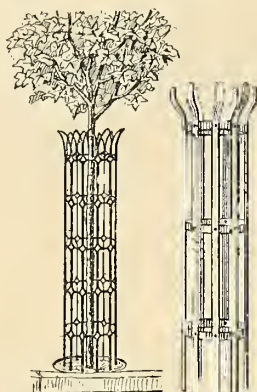
CUT WIRE NETTING

We can furnish this in both 1 and 2-inch mesh, in units of 25-ft., 50-ft., 75 ft., 100-ft. and 125-ft. lengths. 1-inch mesh at 6c. per square ft.; 2-inch mesh at 3c. per square ft.

TREE GUARDS

Galvanized Wire—Carefully made of heavy material and finished in a neat and substantial manner. 12 in. diam., \$4.00 each.

No. 1. Iron. Made of flat iron, finished black; will last indefinitely with an occasional painting. \$5.50 each.



Wire Guard Iron Guard

GALVANIZED WIRE WORK

This can be furnished on short notice, any height or any width, in either trellises or arches. Made of heavy diamond mesh wire with strong frames. It requires usually several weeks in which to complete orders for this. 55c. per sq. ft. on pieces aggregating 10 sq. ft. or over; less than 10 sq. ft. pieces, 65c. per sq. ft.

VERANDA TRELLIS

Made of wood and painted green.

2 feet	.....\$1.00	6 feet, heavy.	\$2.50
3 feet	..... 1.10	8 feet, heavy.	3.25
4 feet	..... 1.40	10 feet, heavy.	4.25
5 feet, heavy.	2.25	12 feet, heavy.	5.00

Larger sizes to order.



IVY TRELLIS

Made of wood, painted green.

16 inch diam.	..\$0.75
20 inch diam.	.. .85
24 inch diam.	.. 1.00



OVAL TRELLIS

Made of wood, painted green.

24 inch\$0.65
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FAN TRELLIS

Made of wood, painted green.

18 inch\$0.45	36 inch\$1.25
24 inch50	42 inch 1.50
30 inch	..... .75	48 inch	..... 1.75

Vine or Wall Nails

For fastening climbing vines; equipped with a soft metal clasp which holds the vine against the wall.

1 inch, 1 1/2 inch, 2 inch, 2 1/2 inch. Price, 50c. per doz.; per 100, \$3.50.



CARNATION SUPPORTS

The Richmond, shown here, is the most popular support on the market. Can be put together in a minute and is always satisfactory; 29 in. high.

Richmond, double

Doz.	100	1000
\$1.25	\$7.75	\$70.00

Richmond, single

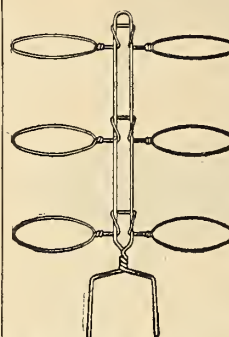
Doz.	100	1000
\$1.00	\$6.50	\$60.00

Model, 2-ring

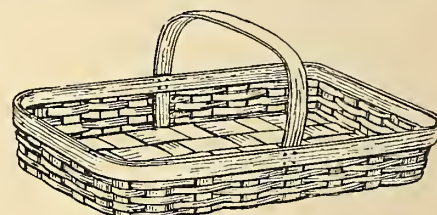
Doz.	100	1000
\$1.00	\$6.50	\$55.00

Model, 3-ring

Doz.	100	1000
\$1.25	\$7.00	\$60.00



Richmond 3-Ring Support (Double)



GATHERING BASKET

Very convenient for carrying berry boxes, asparagus and other vegetables. Made of oak; 12 in. wide, 23 in. long, 4 in. deep. Price, \$1.25.

GARDEN BASKETS

No. 2, Stiff Handle

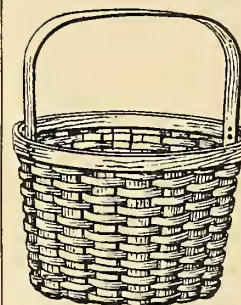
1/2 Bu.	Each	\$1.00
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No. 3, Drop Handle

1/2 Bu.	Each	\$1.00
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No. 4, Without Handle

1/2 Bu.	Each	\$1.00
1 Bu.		1.25

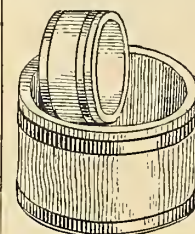


SPLIT OR CHIP BASKETS

Without Handles With Handles

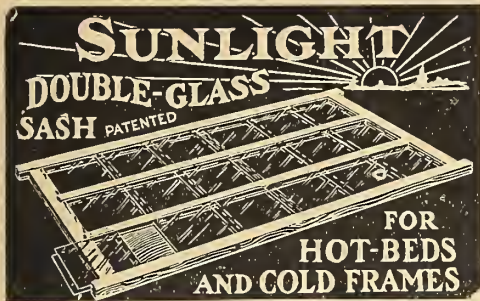
Each	Doz.	Each	Doz.
1/4 bu.	\$0.12	1/4 bu.	\$0.15
1/2 bu.	.18	1/2 bu.	.20
3/4 bu.	.20	3/4 bu.	.25
1 bu.	.35	1 bu.	.40

Please note on present supply of handled splint baskets are double, drop style.



WOOD MEASURES

1/4 peck	.....	\$0.75
1/2 peck	.....	.80
1 peck	.....	1.10
1/2 bushel	.....	1.75
1 bushel	.....	3.00



HOTBED SASH

Philadelphia Style. Made of best quality cypress. Size, 3 ft. 1 1/4 in. wide, 6 ft. long, 1 3/4 in. thick.

Glazed, painted, puttied glass. \$8.00 each. Plain, not glazed or painted. \$5.00 each.

Painting only, \$1.00 each extra.

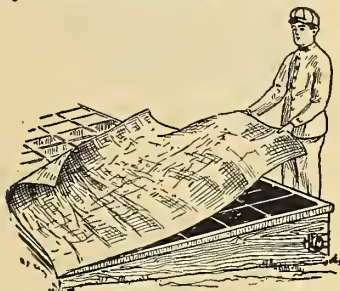
Sunlight Glass Sash (See illustration above). These are made with a double glass facing, one on the bottom, another on the top. It is claimed by the manufacturer where these are used, hotbed mats are unnecessary. 3 ft. wide, 6 ft. long.

Each Plain, Unglazed and Unpainted. \$ 5.00
Glazed and Painted 13.50
Packing charges on all glazed sash, 50c. each.

SHADING OR PROTECTING CLOTH

Largely used as a substitute for glass where protection is desired. It is admirable for summer use, protecting plants, etc., from the sun and at the same time allowing ventilation.

	Yds.	per Pk.	Per Yd.	Per Pk.
Light. Brown cloth...	60	\$0.25		\$13.20
Medium. Brown cloth...	60	.38		21.00
Heavy. Brown cloth...	40	.50		18.00



HOTBED MATS

Hotbed mats keep frosts and severe cold out of frames. They mean earlier and bigger crops.

The Drill style are the best mats that it is possible to procure. They are padded with shoddy and are practically indestructible.

Non-Waterproof. 76x76 inches, covering two regular size sash. Each, \$4.50; doz., \$50.00.

Non-Waterproof. 40x76 inches, for one sash. Each, \$3.25; \$33.00 doz.

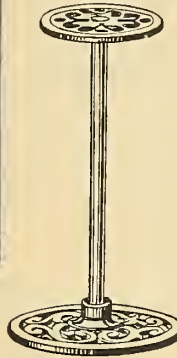
Waterproof Drill. 76x76 inches. \$5.00 each; doz., \$55.00.

Waterproof Drill. 40x76 inches. \$3.75 each; doz., \$36.00.

Straw Mats. 3x6 feet Each \$2.00
Straw Mats. 6x6 feet 3.50

Special size Hotbed Mats to order; any length, but only in 76-inch widths. Straw Mats made to order most any size.

IRON PLANT STANDS



STAR STYLE

Somewhat similar to the "Superior," excepting that they are not fitted with the tilting device, and are finished in black varnish.

Height	Each
12 inches	\$2.25
18 inches	2.40
24 inches	2.75
30 inches	3.00
36 inches	3.15
42 inches	3.25

SUPERIOR STYLE

Can be tilted to set your plants at any angle desired to produce the proper decorative effect. Enameled green.

Height	Size of Plates	Each
12 inch	5x 7	\$2.25
18 inch	5x 7	2.50
24 inch	8x10 1/2	3.00
30 inch	8x10 1/2	3.15
36 inch	8x10 1/2	3.25
42 inch	8x10 1/2	3.50
48 inch	8x12	3.75
60 inch	8x12	4.25
72 inch	8x12	4.50

EXTRA PLATES FOR PLANT STANDS

	For Superior	For Star
5 inch	\$0.50	\$0.50
7 inch .....	.60	.65
8 inch .....	.75	..
10 1/2 inch	1.10	.80
12 inch	1.30	..

WIRE PLANT STANDS

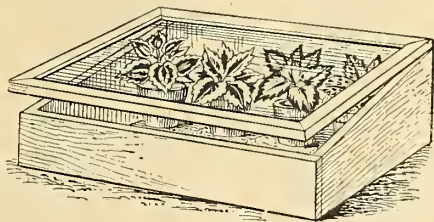


Painted dark green and finished in bronze. Very substantial and will carry most any weight that can be placed on them. We recommend the Jones style, as it is collapsible and takes up very little space when not in use.

JONES STYLE (See cut).

2 shelf.....\$4.50 | 3 shelf.....\$5.50

Wire plant stands require packing for shipment by express and freight. There is a charge of 50c. made for packing.



MINIATURE HOTBEDS

These are very handy to use in connection with window gardening. Suitable for raising seedlings or for rooting cuttings. Seeds started in these will mean an early flower or vegetable garden. 12x20 in., \$3.50 each. Complete with glass. Not available.



CUT FLOWER BOXES

	Each	Per Doz.
48x14x8 inch, Corrugated.....	\$1.00	\$9.00
42x14x8 inch, Corrugated.....	.85	8.00
36x14x6 inch, Corrugated.....	.60	6.00
30x 8x5 inch, Corrugated.....	.55	4.50
24x 8x5 inch, Corrugated.....	.35	3.50

LIGHT-WEIGHT PAPER BOXES

	Per Doz.	Per 100
16x4 x3 inch	\$1.00	\$ 6.40
18x5 x3 inch	1.10	7.20
18x7 1/2 x3 1/2 inch	1.45	9.60
20x4 x3 inch	1.05	7.00
21x5 x3 1/2 inch	1.25	8.20
21x8 x4 inch	1.75	11.60
23x7 x3 1/2 inch	1.65	11.00
24x5 x3 1/2 inch	1.40	9.40
24x6 x4 inch	1.75	11.60
24x8 x4 inch	1.90	12.60
24x8 x5 inch	2.10	14.00
30x5 x4 inch	1.80	12.20

HEAVY-WEIGHT PAPER BOXES

	Per Doz.	Per 100
23x12x5 inch	\$3.45	\$23.00
28x 8x4 inch	2.75	18.40
28x 8x5 inch	3.00	20.00
30x 9x4 inch	3.10	20.40
30x 9x6 inch	3.80	25.40
30x12x6 inch	4.45	29.60
30x14x8 inch	5.85	39.00
36x 6x5 inch	3.50	23.20
36x 8x5 inch	3.75	25.00
36x12x6 inch	5.35	35.60

We can also supply Wreath Boxes; prices on application.

PAPER FOR WRAPPING BOXES AND FLOWERS

	Lb.	5 lbs.	Ream
Manila. For wrapping.....	\$0.20	\$0.90	\$4.00
Manila. Tissue .....	.40	1.25	3.25
Wax. White, 24x36 in. ....	.60	...	5.00
Wax. Green, 24x36 in. ....	.70	...	6.00

ROOFING PAPER, ETC.

	Sq. ft.	Per roll
Celery Paper.....	500	\$ 3.75
Neponset Red Rope	500	10.00
Rubberized Roofing, 2-ply.....	108	3.50
Rubberized Roofing, 3-ply.....	108	4.50
Tar or Pitch, 2-ply.....	100	2.50
Tar or Pitch, 3-ply.....	100	3.25
Caps for tar paper. 1 lb., 15c.; 5 lbs., 60c.		
Nails for tar paper. 1 lb., 15c.; 5 lbs., 60c.		

MICHELL'S PLANT STAKES, WIRE, ETC.

GREEN TAPERING STAKES

PAINTED GREEN

	Weight per Doz.	Each	Doz.	100
1½ feet..... ½ lb.	\$0.03	\$0.33	\$ 2.10	
2 feet..... ½ lb.	.05	.55	3.85	
2½ feet..... 1 lb.	.08	.77	5.65	
3 feet..... 1¼ lbs.	.10	1.10	7.45	
3½ feet..... 1½ lbs.	.12	1.32	9.25	
4 feet..... 2 lbs.	.15	1.54	11.00	
5 feet.....	.20	2.00	14.50	

ROSE OR DAHLIA STAKES

Round tapering style; painted green.

	Weight per Doz.	Each	Doz.	100
3 feet..... 2½ lbs.	\$0.15	\$1.65	\$11.82	
3½ feet..... 4 lbs.	.20	1.98	13.61	
4 feet..... 5 lbs.	.22	2.15	15.67	
5 feet.....	.25	2.64	20.07	
6 feet.....	.30	3.30	24.64	

SQUARE PLANT STAKES

These are painted green and nicely tapered and finished.

	Weight per Doz.	Each	Doz.	100
1½ feet..... ½ lb.	\$0.03	\$0.25	\$ 1.85	
2 feet..... ½ lb.	.04	.40	2.75	
2½ feet..... 1 lb.	.05	.56	4.00	
3 feet..... 2 lbs.	.10	1.00	7.00	
3½ feet..... 2½ lbs.	.12	1.15	8.00	
4 feet..... 4 lbs.	.14	1.25	9.50	
5 feet.....	.18	1.85	14.00	
6 feet.....	.25	2.75	16.00	



CANE STAKES

	Doz.	100	250	1000
Southern 7 to 8 ft.	\$0.35	\$2.00	\$3.75	\$14.00

JAPANESE GREEN CANE STAKES

These are very attractive for all purposes of plant staking; thin and very strong.

	Doz.	100	500	1000
1½ feet.....	\$0.15	\$0.75	\$3.25	\$ 6.00
2 feet.....	.20	1.25	5.50	10.00
2½ feet.....	.25	1.40	6.75	12.00
3 feet.....	.35	1.60	7.50	14.00
3½ feet.....	.35	2.00	8.50	16.00
4 feet.....	.40	2.25	9.50	18.00

JAPANESE NATURAL CANE STAKES

	Doz.	100	500	1000
2½ feet.....	\$0.20	\$1.35	\$5.75	\$10.60
3 feet.....	.25	1.60	7.00	12.50
4 feet.....	.30	2.00	8.00	15.00
5 feet.....	.35	2.20	9.25	17.50
6 feet.....	.40	2.35	11.00	20.00

HYACINTH STAKES

Used for staking hyacinths, tulips and slender plants; dyed green.

	P. P. Wt. per 100	Doz.	100	1000
5 inch..... 1½ lbs.	\$0.05	\$0.20	\$1.50	
12 inch..... 2 lbs.	.07	.30	2.50	
18 inch..... 2 lbs.	.10	.40	3.50	

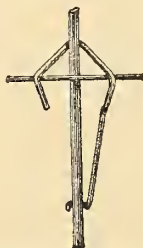
GALVANIZED WIRE STAKES

No. 10 WIRE, LIGHT

	P. P. Wt.	Doz.	100	1000
2 feet..... 1½ lbs.	\$0.25	\$1.75	\$12.50	
2½ feet..... 1½ lbs.	.35	2.00	15.00	
3 feet..... 2 lbs.	.40	2.25	16.50	
3½ feet..... 2¼ lbs.	.45	2.50	18.00	
4 feet..... 2½ lbs.	.50	2.75	20.00	
4½ feet..... 3 lbs.	.55	3.00	23.50	
5 feet.....	.60	3.50	25.50	
6 feet.....	.65	3.50	28.00	

No. 8 WIRE, HEAVY

	P. P. Wt.	Doz.	100	1000
2 feet..... 2 lbs.	\$0.40	\$2.50	\$20.00	
2½ feet..... 2½ lbs.	.45	3.00	22.50	
3 feet..... 2¾ lbs.	.50	3.25	25.00	
3½ feet..... 3 lbs.	.60	3.50	27.50	
4 feet..... 3½ lbs.	.70	3.75	30.00	
4½ feet..... 4 lbs.	.80	4.00	32.50	
feet.....	.90	4.50	37.50	
feet.....	1.00	4.75	42.50	



Everlasting Stake Fastener Wire Stake Tie

WIRE STAKE TIE (Buschardt's)

For fastening plants to stakes, either wire or wood; can be used more than once. 1000 ties in a pkg. (See cut.) Price, \$2.50.

STAKE FASTENERS

These take the place of string entirely, lasting several seasons; used for fastening cross wires to galvanized stakes.

	P. P. Wt. per 100	500	1000
Everlasting..... ½ lb.	\$2.25	\$4.00	
Eureka..... ¼ lb.	1.35	2.75	



WIRE

Allow for postage if wanted by mail.

		Lb.	12-lb. Stone
No. 16. Galvanized.....	\$0.20	\$2.00	
No. 18. Galvanized.....	.25	2.25	
No. 19. Galvanized.....	.28	2.50	
No. 20. Galvanized.....	.30	2.75	
No. 22. Galvanized.....	.32	3.00	
No. 16. Annealed.....	.20	1.75	
No. 18. Annealed.....	.22	2.00	
No. 20. Annealed.....	.25	2.25	
No. 22. Annealed.....	.30	2.35	
No. 24. Annealed.....	.35	2.50	

TINNED WIRE

Used for bunching celery, etc.
No. 19, in 10-lb. boxes, cut 8½ inches, 30c. per lb.; per box, \$2.75.

CUT BOUQUET WIRE

For Stemming Flowers

Cut 9, 12 or 18 inches in length.
No. 20, 30c. per lb., per box, 12 lbs., \$3.00
No. 22, 32c. per lb.; per box, 12 lbs., 3.25
No. 24, 35c. per lb.; per box, 12 lbs., 3.50



RAFFIA

For tying, basket making and fancy work; very long and fibrous.

Natural Color, 30c. per lb.; 5 lbs., 27½c. per lb.

Green, \$1.00 per lb.; 5 lbs., \$4.75.

RAFFIATAPE

This article is made of a composition of paper and linen and is tremendously strong; it is about ¼ inch wide and is put up in 250-yard bolts or hanks. This is very desirable for tying bouquets, flower boxes or for any other purpose where attractive tying material is desired. Color, Nile green. Parcel Post Weight, per bolt, ½ lb. Per bolt of 250 yards, \$1.25; 6 bolts, \$7.00.



TWINES, ETC.

	Ball	Lb.
No. 18. Italian.....	\$0.35	\$0.65
No. 24. Italian.....	.30	.60
No. 36. Italian.....	.30	.55
Jute, 2-ply, 3-ply and 5-ply...	.25	.45
Linen Bouquet.....	.15	1.00
Green Sea Island.....	.20	1.25
Special Thin White Cotton....	.20	.90
Tarred. For Mat Making.....	.45	..
Tarred Sisal. For fodder.....	..	.35
Binder. 5-lb. balls.....	1.25	..
Express. Very heavy.....	.40	..
Green Silkline. For stringing Smilax and Asparagus etc. F fine; FF, medium; FFF, coarse.		
Price, per spool, 40c.		
Price, per lb. (8 spools).....	\$3.00	
Green Linen (substitute for Silkline).		
Very similar to the above; fast color.		
Price, 40c. per spool; \$1.50 per lb.		
Smilax Twine. Similar to Silkline, in 2-oz. spools. 30c. per spool; lb., \$2.00.		

BAMBOO POLES

Used extensively for brushing worm casts off Putting Greens, also for staking young trees.

	Each	Doz.	100
14 feet.....	\$0.45	\$4.75	\$32.50
20 feet.....	.65	7.00	55.00



Perfection Hanger

POT HANGERS

	Wt. per doz. Each	Doz.
Krick's No. 1. For 3 to 5-in. pots, weight per doz., 1 lb..	\$0.05	\$0.50
Krick's No. 2. For 6 and 7-in. pots, weight per doz., 1 lb..	.06	.60
Krick's No. 3. For 8 to 10 in. pots, weight per doz., 1 lb..	.07	.70

Perfection. Suitable for any size pot up to 8 inches. Made of galvanized wire, 15 inches long. 15c. each; \$1.50 per doz.; \$10.00 per 100.

Parcel Post Weight, each, 8 oz.



JONES' POT BRACKET

No. 1. Holds 5-inch pot. Each, 50c.; \$5.75 per doz. Parcel Post Weight, each, 1 lb.	Each	60c.; \$6.25 per doz.
No. 2. Holds 6-inch pot. Each 60c.; \$6.25 per doz. Parcel Post Weight, each, 2 lbs.	Each	70c.; \$7.50 per doz.
No. 3. Holds 7-inch pot. Each 70c.; \$7.50 per doz. Parcel Post Wt., each, 2½ lbs.	Each	

TREE LABELS

Parcel Post Weight, ½ lb. per 100.

Iron Wired.

Plain 100 1000

Iron Wired. Painted .. .40 2.35

Copper Wired. Plain .40 2.35

Copper Wired. Painted50 2.95

Copper Sheet, wired...30c. doz.; 100, 1.75

Zinc Sheet, wired30c. doz.; 100, 1.75

Indelible Marking Pencils. Each.... .15

PAINTED POT LABELS

P. P. Wt.

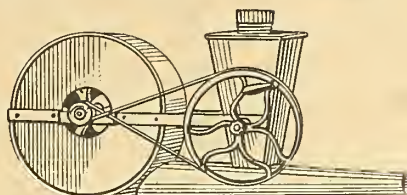
4 inch	100	100	1000
4½ inch	½ lb.	\$0.30	\$ 2.00
5 inch	½ lb.	.35	2.25
6 inch	½ lb.	.40	2.45
8 inch	¾ lb.	.50	3.00
10 inch	2 lbs.	1.40	8.50
12 inch	2½ lbs.	1.90	11.50
18 inch	3 lbs.	2.25	13.65
18 inch, for field use, 7 lbs.	3.50		32.50

POLES FOR TORCHES, ETC.

Hardwood, 12 feet, \$2.00; 14 feet, heavy, \$2.25. Poles are not mailable.

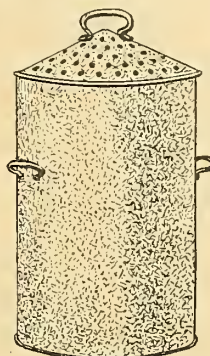
Bamboo Poles. For brushing worm casts off putting greens, etc.

	Each	Doz.	100
14 ft.	\$0.45	\$4.75	\$32.50
20 ft. ....	.65	7.00	55.00



SULPHUR BLOWER

For distributing sulphur and insecticides of various kinds. Made of heavy metal with no wearout to them. A man can dust a very large house in a few minutes, using one of these blowers. Price, \$7.50.



FUMIGATORS

Perfection Make

Fitted with a water tank to prevent burning out.

No. 1 for house 12x 40 ft.....	\$ 6.00
No. 2 for house 15x100 ft.....	7.00
No. 3 for house 20x100 ft.....	8.00
No. 5 for house 20x150 ft.....	10.00

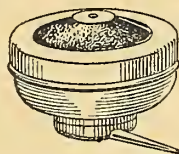
Eureka Make

No. 1 for house 10x 20 ft.....	\$3.50
No. 2 for house 12x 40 ft.....	4.50
No. 3 for house 15x100 ft.....	5.50
No. 4 for house 20x100 ft.....	6.50

VAPORIZING LAMP

Practical and indestructible; all metal; burns kerosene; used for dispensing fumes of Nicotieine, Tobakine and other preparations of this sort. \$1.00 each.

Parcel Post Weight, ¾ lb.



WHIRLWIND POWDER GUNS

For distributing dry powder. Price, 35c. Parcel Post Weight, 8 oz.

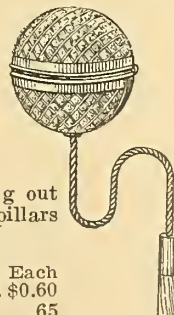
OIL TORCHES



For burning out worms, caterpillars and tree pests.

	P. P. Wt.	Each
Reservoir, ½ lb.	\$0.60	
Asbestos, 1 lb..	.65	

Reservoir Torch



Asbestos Torch



WOODASON HAND BELLOWS

	P. P. Wt.	
Large double cone.....	5 lbs.	\$6.50
Large single cone.....	3 lbs.	4.50
Small single cone.....	2 lbs.	3.00
Liquid spraying; small.....	3 lbs.	3.75
Liquid spraying; large.....	4 lbs.	4.50
Sulphur Belows		3.75

SUNDRIES

Bulb Fibre. Qt., 15c.; 30c. ½ peck; peck, 50c.; 90c. ½ bu.; bu., \$1.75.

Bull Dog Clips. For fastening packages, etc., \$1.25 per box.

Carnation Bands (Rubber). For mending bursted calyx. 30c. per oz.; ¼ lb., \$1.00.

Carnation Clips (Bours). For mending carnations. \$1.00 per 1000.

Carnation Staples (Wire). 60c. per 1000.

Charcoal, Lump. For use in potting. Pk., 60c.; \$2.00 per bu.; barrel sack, \$3.00.

Cocoonat Fibre. 10c. qt.; 4 qts., 30c.; 50c. peck, bushel, \$1.75; \$6.25 for 5 bushels.

Cork for Orchids. 50c. per lb.; 10 lbs., \$4.00.

Glass Cleaner. \$2.00 gal.; 5 gals., \$9.50.

Grafting Wax. ¼ lb., 20c.; 30c. per ½ lb.; lb., 50c.; \$2.40 for 5 lbs.

Moss (Green Lump). Pk., 60c.; \$1.50 per bu.; bbl. bag, \$3.00. Green Sheet. ½ peck, 40c.; 70c. per peck; bu., \$2.00; \$3.50 per bbl. sack. Sphagnum (dry). Bbl. bales, \$1.50; 5 bbl. bales, \$4.50. Sphagnum (live). Pk., 40c.; \$1.25 per bu.; bbl., \$3.00.

Pebbles. Qt., 10c.; 75c. per pk.; bu., \$2.00; \$4.00 per bbl.

Peat or Leaf Mould. Pk., 45c.; \$1.50 per bu.; bbl., \$3.00.

Peat, Orchid. Pk., 40c.; \$1.25 per bu.; bbl. bag, \$3.00.

Pruning Compound. Per qt., 85c.; \$2.50 per gal.

Sand. For propagating. Per qt., 10c.; 35c. per pk.; bu., \$1.25; \$3.00 per bbl.

Shadeline. For shading greenhouse glass. 5 lbs., \$1.25; 10-lb. cans, \$2.50.

Soil. For potting. Qt., 10c.; 20c. per ½ pk.; pk., 35c.; \$1.25 per bu.; bbl., \$3.00.

Tin Foil. In 5 and 6-inch widths, in 1-lb. pkgs. and in 5-lb. rolls, 5-in. wide. 35c. per lb.; 5 lbs., for \$1.50.

Toothpicks. Plain, box, 12c.; 35c. for 6. Toothpicks. Wired. 45c. 1000; 10,000, \$3.50.

Toothpicks. 6-inch, wired, green; per 375, 30c.; \$2.00 per 3000.

Tree Paint (Target Brand). Qt., 85c.; \$2.50 per gal.

Violet and Green Foil. 60c. per lb.

Weed Killer, Michell's. Qt., 55c.; 90c. per ½ gal.; gal., \$1.75; \$6.75 per 5 gals.; 30 gals., \$33.00; \$50.00 for 50 gals.

Weed Killer, Fairmount. ½ gal., 90c.; \$1.75 per gal.; 5 gals., \$6.75; \$12.50 per 10 gals.; 50-gal. barrel, \$45.00.

Zementine. For whitewashing and shading. 2 lbs., 35c.; \$1.45 per 10 lbs.

Zinco. For destroying soot and its effects. 60c. per pkg.

MICHELL'S SPRAYING APPARATUS

GOULD'S FRUITALL BARREL PUMP No. 1188

A high-grade pump at an attractive price, within the reach of every one who has need for such a pump. 2 in. diameter cylinder. Bronze wearing parts. Plain pump, no hose, nozzle or barrel, \$16.20.

Outfit C—With agitator, one 15 ft. lead of $\frac{1}{2}$ in. spray hose and one Mistry Jr. nozzle (no barrel), \$22.00.

Outfit D—With agitator, two 15 ft. leads of $\frac{1}{2}$ in. spray hose and two Mistry Jr. nozzles (no barrel), \$27.80.

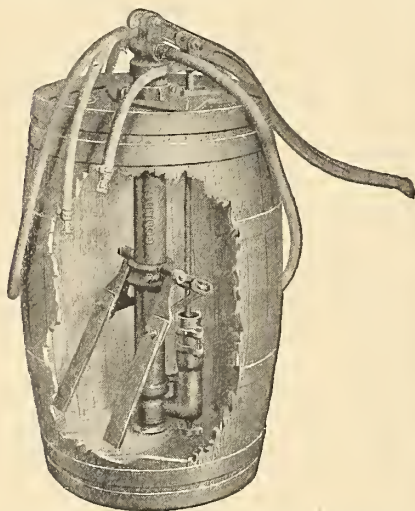
Barrels for holding spray solution, 50 gal. capacity, \$8.00.

GOULD'S MONARCH, Fig. 1506

This equipment is designed to be mounted on a platform for stationary use or for transporting on a wagon, sled or by other means; it is the best pump in its class and will last a lifetime with reasonable care. Plain style, No. 0, \$50.60.

Outfit C—Equipped with 5 ft. of suction hose and strainer, with one 15 ft. lead of $\frac{1}{2}$ in. special spray hose and one Mistry Jr. nozzle, \$62.50.

Outfit D—Same as Outfit C, except the equipment is two leads of hose and two nozzles, \$70.85.



GOULD'S POMONA BARREL SPRAY PUMP, Fig. 1100

Can be used for feeding one or two leads of hose; all working parts are bronze, with lasting qualities. Plain pump, $2\frac{1}{2}$ in. diam. cylinder only, \$29.70.

Outfit C—With one 15 ft. section $\frac{1}{2}$ in. spray hose and one Mistry Jr. nozzle (no barrel), \$38.15.

Outfit D—With two 15 ft. sections $\frac{1}{2}$ in. spray hose and two Mistry Jr. nozzles, \$46.60.

Barrels for holding spray solution, 50 gal. capacity, \$8.00 each.

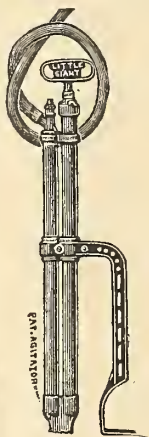
GOULD'S STANDARD BARREL PUMP, No. 905 $\frac{1}{2}$

Equipped with a brass-lined cylinder and a liberal-sized air chamber, suitable for operating one or two lines of hose. Plain, no barrel, hose or nozzle, \$24.00.

Outfit C—Equipped with one lead 15 ft. $\frac{1}{2}$ in. spray hose and one Mistry Jr. nozzle (no barrel), \$30.35.

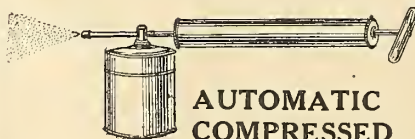
Outfit D—Equipped with two 25 ft. leads of $\frac{1}{2}$ in. spray hose, two Mistry Jr. nozzles (no barrel), \$38.80.

Barrels for holding spray solution, 50 gal. capacity, \$8.00 each.



No. 327 $\frac{1}{2}$ MYERS' BUCKET PUMP

This is a double brass chamber arrangement, and fills the want of those desiring a medium-priced sprayer. Price, \$6.50. P. weight, 9 lbs.



AUTOMATIC COMPRESSED AIR SPRAYER

Parcel Post Weight, 2 lbs.

This is the grandest hand sprayer ever offered, very easily operated, especially desirable for ladies' use.

Tin. Each...\$1.25 Brass. Each...2.25



CYCLONE HAND SPRAYERS

Similar to the above, except they do not have the automatic air reservoir attachment. P. P. weight, $1\frac{1}{2}$ lbs.

No. 112, Tin, large, 60c. No. 114, Brass, \$1.25.

No. 22, Brown's Hand Sprayer, Capacity about 1 quart. Tin, 75c.

PARCEL POST SHIPMENTS

Where goods can be shipped in this manner, we have affixed the packed weight opposite. Where remittance accompanies order please include sufficient to cover mailing charges. Consult your post office for proper amounts.



Liquid Manure Distributor

This can be attached to hose with which you are watering and, connected with a barrel of liquid manure, the suction of water will draw a quantity of manure with it. \$2.50 each.



Bordeaux Nozzle



Vermorel Nozzle

SPRAY NOZZLES ($\frac{3}{8}$ in. thread)

	P. P. Wt.	
Bordeaux and Vermorel.....	8 ozs.	\$1.00
Mistry Jr.	5 ozs.	1.35
Paragon style	4 ozs.	.40
Duplex Vermorel (2 nozzles) ..	14 ozs.	2.25
Triple Vermorel (3 nozzles) ..	16 ozs.	3.10
Quadruple Vermorel (4 nozzles) ..	2 lbs.	4.00
Duplex Mistry (2 nozzles) ...	2 lbs.	3.20

For $\frac{3}{4}$ -in. connections add 50c. to the above nozzle prices.



EXTENSION PIPES, ETC.

For reaching into trees; $\frac{3}{8}$ -inch threads. Bamboo, aluminum lined tube, 10 ft..\$6.50
Galv. Iron, 2 ft., P. P. weight, 6 ozs.. .55
Brass, 2 ft., P. P. weight, 8 ozs..... .70
Pet Cock, for extension pipes..... .75

Paragon Extensions, $2\frac{1}{2}$ ft., 50c. each. Parcel Post weight, 12 ozs.



HEAVY BRASS SYRINGES

No.	Diam.	Length	Parcel Post Wt.	Price
99.	$1\frac{1}{2}$ in.	18 in.	1 spray $1\frac{3}{4}$ lbs.	\$ 4.20
101.	$1\frac{1}{4}$ in.	14 in.	2 sprays 2 lbs.	4.50
101A.	$1\frac{1}{2}$ in.	16 in.	2 sprays $2\frac{1}{4}$ lbs.	5.00
110.	$1\frac{3}{4}$ in.	20 in.	2 sprays $4\frac{1}{2}$ lbs.	9.00
120.	$1\frac{3}{4}$ in.	20 in.	Adjustable 5 lbs.	11.00

BOOKS ON SPRAYING

Spraying Crops (Weed).....	\$0.80
Spraying of Plants, The (Loderman)	1.50

THE KIRKE FEEDER

Made to accommodate cartridges of various kinds, containing fertilizer and insecticide ingredients, each separate as below. The illustration shows how the Kirke Fertilizer and Insecticide Cartridge Holder is attached to spigot.



	Each	Doz.
Nickel Cartridge Holder	.....\$3.00	....
Angle Worm Cartridges	..... .80	\$9.00
Nicotine Cartridges	..... .35	3.75
Salt Cartridges	..... .15	1.20
Arsenate of Lead Cartridges	..... .50	5.75
Fertilizer Cartridges	..... .20	2.00
Bordeaux Cartridges	..... .35	3.75

No. 22 BINKS COMPRESSED AIR SPRAYER

Galvanized steel tank, 5 gals. capacity. Brass pump with a patent clamping device, equipped with 3 feet of hose, spray nozzle, shut-off cock and shoulder strap.

P. P. Wt., 15 lbs. Price, \$8.50.



Binks No. 22 Sprayer

BUCKET SPRAY PUMP

These are made entirely of brass, except the foot rest and hand grip. The prices below do not include nozzle and 3½ feet of ¾-in. hose and nozzle.

No. 256. Success (without bucket fastener), \$8.00. P. P. Weight, 7 lbs.

No. 689. Perfect Success (with bucket fastener), \$8.50. P. P. Weight, 9 lbs.



Success Pump

DEMING KNAPSACK SPRAYERS

These are elegant for carrying around the garden, among shrubbery and tree work, etc.

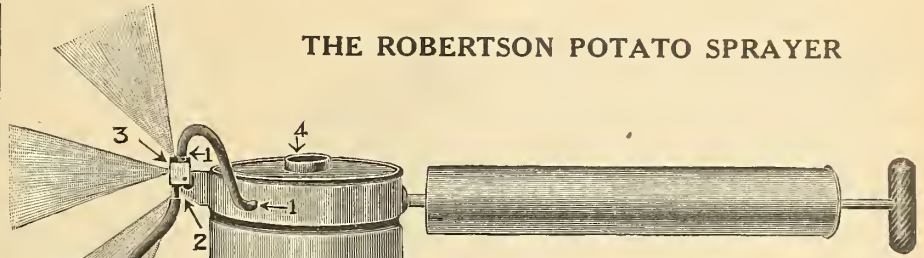
Fig. 675. Copper tank, holding about 5 gals., complete with pump, nozzle and hose\$27.50

Fig. 564. Galvanized tank, holding about 5 gals., complete with pump, nozzle and hose 20.00

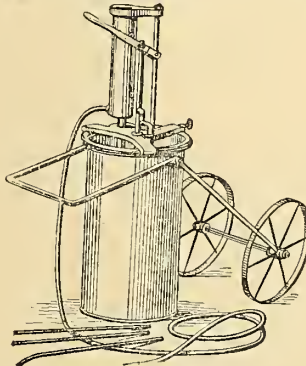
Deming Knapsack Sprayers are not mailable.

Our Garden Tool and Sundries Department we believe to be the most fully equipped of any seed store in the United States. Most every article of real merit for horticultural work will be found here, and of the best quality.

THE ROBERTSON POTATO SPRAYER



This is probably the first successful hand sprayer that distributes in a systematic fashion a spray solution on the top and underneath the foliage of potato vines and other plants. It is made of galvanized iron, in a substantial manner, and the reservoir is of liberal size; it may be used for general spraying in the vegetable and flower garden as well as elsewhere. Price, \$1.75.



No. 3 Paragon Sprayer

THE PARAGON SPRAYER

Especially desirable for the reason that it is not necessary to strain the material before pouring it into the reservoir, although we recommend that this be done; guaranteed to give absolute satisfaction. Excellent for applying whitewash or paint.

No. 0. Capacity, 3 gallons; equipped with 4 ft. hose, one 3-ft. extension pipe and 2 spray nozzles. Price, \$16.00.

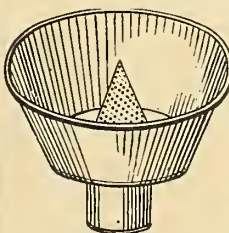
No. 1. With a 5-gal. reservoir, 5 ft. of hose and 2 extension pipes, \$21.00.

No. 3. Equipped with a 12-gal. tank mounted on a truck, three 2½-ft. extension pipes, 2 nozzles and 10 ft. of hose, \$31.00.

No. 4. Mounted on a two-wheel truck; equipped with 10 ft. of extension pipe, 20 ft. of hose and 2 nozzles. 25-gal. barrel, complete, \$47.50.

Bucket Washers for Paragon Sprayers, 35c. each.

COPPER STRAINER



For straining whitewash, spraying material, etc. The neck is of the correct size to fit into the reservoir of an auto-spray, which allows both hands to be free when using it. \$1.50 each.

P. P. Weight, ¾ lb.

THE AUTO-SPRAY

It operates with compressed air. Safe and efficient. Liquid capacity, 4 gallons; pressure capacity, 40 lbs. The Brown Auto-Spray is probably the first real successful compressed air sprayer ever put on the market. Previous to its introduction there were other makes, some of them still being offered for sale. We have had a wide and varied experience with the different ones, and after personal tests and noting the experiences of our customers, finally adopted as our standard compressed air sprayer this make. No sprayer is sold under broader guarantee for efficiency and durability. The Auto-Spray must please and will accomplish all that any first-class sprayer will, or the purchase price will be refunded. They will successfully spray bushes, shrubbery and trees, the latter with the use of extension pipes. The brass tank sprayer is the best, as corrosive solutions can be used in it without injuring the same. Auto-Sprayers can be sent via parcels post; weight, 16 lbs.



Auto-Spray in Operation

No. 1-B. Brass. Equipped with hose and Auto-Pop Attachment, \$11.00.

No. 1D. Galvanized Iron. Equipped with hose and Auto-Pop, \$8.00.

Auto-Pop Nozzle Attachment controls the flow instantly by a pressure of the hand. When Auto-Pop Attachment is purchased separately, \$1.50 each, without hose; with hose, \$2.00. P. P. Weight, 1 lb.

PARCEL POST SHIPMENTS

Where goods can be shipped in this manner, we have affixed the packed weight opposite. Where remittance accompanies order please include sufficient to cover mailing charges. Consult your post office for proper amounts.

MICHELL'S POULTRY SUPPLIES, ETC.



Prairie State Incubator

PRAIRIE STATE INCUBATORS

In the building, design and construction of the Prairie State Incubator every known factor to the present time has been taken into consideration. All Prairie State Incubators are equipped with nurseries.

There are many improvements in the Prairie State Incubator that a study of the Prairie State Catalog and a close inspection of the machine itself, if possible, will best reveal.

Every heater is made with extreme care to insure it being as near perfect and fireproof as it can possibly be, which fact, in combination with the construction of the incubator, make the machine reasonably safe to operate in most any locality.

The Prairie State has the diffusive air circulation system and sand tray moisture feature, and is as faultless as it is possible to make incubators.

	Oil Consumption per 24 hrs.	Hen Egg Capacity.	Duck Egg Capacity.	Price
No. 0. Diffusive style.....	$\frac{3}{4}$ pt.	100	75	\$40.00
No. 1. Diffusive style.....	1 pt.	150	115	50.00
No. 2. Diffusive style.....	$1\frac{1}{2}$ pts.	240	200	70.00
No. 3. Diffusive style.....	$1\frac{3}{4}$ pts.	390	300	90.00

Complete Catalog of Prairie State Incubators and Brooders free on request.

PRAIRIE STATE JR. STOVE BROODER NO. 1

The stove is solid cast iron, resting directly on its base without legs, there being no hot place under the stove possible for the chicks to reach. Designed for hard coal, but will burn soft coal also. The canopy is flat, and fitted with an 18-inch hover curtain, wired fast at the edges. Is of galvanized sheet steel, hinged in center, giving ready access to stove when coaling. Regulator is powerful, sensitive, triple control, of wafer type, regulating temperature to a fraction of a degree, with all working parts under canopy and so protected. This size handles flocks of 250 to 1000 or more safely and is adaptable to permanent or portable brood houses. Price, complete with equipment, \$40.00.

PRAIRIE STATE JR. STOVE BROODER NO. 0

The construction of this is similar to the Junior No. 1 Stove Brooder, excepting that it has a new design double control regulator instead of the triple control type. Capacity, 200 to 700 chicks. Price, \$30.00.

GEM HOT WATER INCUBATOR

This is especially designed for the amateur or beginner. It is a wonderful value for the price charged. Very carefully made. Equipped with galvanized water heater and a sensitive thermostat. We can supply this in one size only, 50-Egg capacity, \$12.00.

THE HOME HATCHER (Hot Water) INCUBATOR

The tendency in many localities seems to lean toward incubators heated by a hot water system. The company making the Prairie State line have been quick to appreciate this and have organized under the name of the "Home Mfg. Co." a complete manufacturing plant to turn out the hot water machines.

Capacity	Made in two sizes	Price
125 egg size		\$20.00
250 egg size		35.00

THE QUEEN INCUBATOR (Hot Water)

The "Queen Line" is made in a sufficient number of sizes to meet the demands of any one who has use for an incubator.

	Egg Capacity.	Wt.	Price
No. 1. Baby Queen	85	72	\$30.00
No. 2. Queen	135	95	43.50
No. 3. Queen	180	105	51.50
No. 4. Queen	275	138	65.00
No. 5. Queen	400	171	77.50
No. 25 Queen	600	245	115.00

QUEEN OUTDOOR LAMP-HEATED BROODERS

Designed to raise the chicks in all kinds of weather at any time of the year, with complete protection day and night.

They are made of one-inch high-grade, thoroughly seasoned hardwood lumber with mortised corners, bound with galvanized iron and covered with two coats of paint.

The heating system gives an abundance of heat, distributed properly, while plenty of fresh air is provided automatically without draughts. Brooder has two floors. Under the heating drum the floor is cut away and a galvanized can substituted, which may be filled with earth or sand.

It is removable and easily cleaned. Upper floor has two compartments—brooding room and sun parlor.

No. 10. 125-chick size	\$36.00
No. 11. 165-chick size	39.50
No. 12. 250-chick size	43.00

PRAIRIE STATE COLONY HOUSE

The Colony Brooder, with its dry, roomy quarters, level floors, overhead heat, graduated temperature, thorough ventilation and sun parlor for exercise, offers a happy solution to chick raising.

When the soil becomes worn out or if the location has become infected with disease or vermin, the removal of a portable colony brooder is an easy matter, and the birds can be given new quarters on fresh soil and amid new surroundings.

To transform the Combination Brooder into a Colony House, slip out the middle partition, remove the hover and lamp, and you have one of the neatest colony houses that could be built.

3 feet wide, 6 feet long, 3 feet high in front, 2 feet high in back (without heat regulator).....\$45.00
REGULATORS FOR THE ABOVE, \$2.00 each.

PRAIRIE STATE JR. PORTABLE HOVER

It is impossible for chicks to crowd in a Prairie State Portable Hover. It is provided with an accurate and sensitive regulator, which automatically controls the temperature day in and day out as closely as an incubator. It requires no watching and newly-hatched chicks can be entrusted to its care without the slightest thought for safety. This hover can be successfully used inside of a poultry house or attached to a Colony Brooder. It is made entirely of iron and metal, except the hover cloth. There is not a particle of wood on it, hence no danger from fire. Provides ample nursery space for 50 chicks. Price, \$14.00 (with regulator).

UNIVERSAL PRAIRIE STATE HOVERS

Without lamp box, for indoor use, \$11.00.

With lamp box, for outdoor use, \$12.00.

Regulators \$3.00 each if bought separately, or \$2.00 additional if bought with hover.

HOME HATCHER HOVER

An inexpensive galvanized iron proposition, similar to the Prairie State Portable Hover; amply cares for 50 chicks. \$6.00 each (without regulator).

MICHELL'S POULTRY SUPPLIES, ETC.

65

NORWICH AUTOMATIC POULTRY FEEDER



Norwich
Automatic Feeder

In operating the Norwich Automatic Exerciser and Feeder, it is but necessary to fill the hopper with such grain as may be desired, straight or mixed, filling the feed bar with either cracked corn or wheat, and adjust the valve at the bottom of the hopper to feed in such quantities as desired. Set the machine anywhere in the yard, pen or house, give the feed bar a turn or two, and, surprising as it may seem, in ten to fifteen minutes every hen in the flock will take in the situation and work it.

Another valuable feature is the fact that, the hopper being rain-proof, the feed is always dry and fresh. The hopper is also dust-proof, and not a particle of dust can get on the feed.

No. 1—8-quart hopper. Weight, 15 lbs., \$5.00.

No. 2—14-quart hopper. Weight, 18 lbs., \$5.50.

No. 3—20-quart hopper. Weight, 22 lbs., \$6.50.

No. 4—32-quart hopper. Weight, 25 lbs., \$7.50.

POULTRY REMEDIES, LICE DESTROYERS, DISINFECTANTS, ETC.

Carboletta. A carbolic solution for painting roosts, spraying, etc. 40c. per qt.; ½ gal., 65c.; \$1.00 per gal.

Carbolineum (Protexol Genuine Arvenarius). A poultry house disinfectant, louse and mite destroyer; excellent wood preservative; in gallon cans only. \$1.50 per gal.; 5 gals. for \$7.00.

***Condition Tablets (Pratt's).** 30c. and 60c. per pkg.

***Conkey's Canker Special.** An effective remedy. 60c. per pkg.

***Conkey's Cholera Cure.** 30c. and 60c. per pkg.

***Conkey's Chicken Pox Remedy.** 30c. and 60c. per pkg.

***Conkey's Gape Cure.** For young chicks. 60c. per pkg.

***Conkey's Lice Fix.** For destroying mites, lice, etc. 60c.

Conkey's Lice Killer (Liquid). For painting roosts, poultry houses, spraying nests and general vermin cleaning, etc. Qt., 60c.; 90c. per ½ gal.; 1 gal., \$1.50.

Conkey's Lice Powder. A sure destroyer. 30c., 60c. and \$1.00 per pkg.

Conkey's Noxi-cide. A germ destroyer, which will keep the poultry house in a pure, sanitary condition, destroy all germs and drive out the lice and mites. 50c. per pt.; 1 qt., 75c.; \$1.25 for 2 qts.; 1 gal., \$2.00.

***Conkey's Roup Cure.** The most widely used of the roup remedies; administered in the drinking water. 30c., 60c. and \$1.20 per box.

***Conkey's Scaly Leg Remedy.** A sure cure. 30c. per pkg.

***Conkey's White Diarrhoea Cure.** For little chicks; results always satisfactory. 30c. and 60c. per package.

Death to Lice (Lambert's). For dusting fowls and nests. The most effective chicken lice exterminator in existence. 5-oz. size, 10c.; 25c. for 15 ozs.; 48 ozs., 50c.; \$1.00 per 100-oz. pkg.

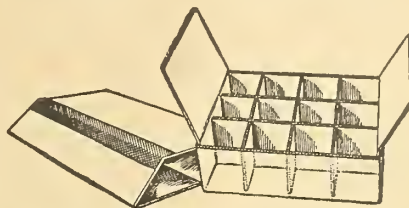
Death to Lice Ointment. A salve or ointment used on the heads of newly-hatched chicks. It drives away lice instantly. Easily applied; no mess; no trouble. 10c. and 25c. per box.

Gape Worm Extractors. Two styles: Hollowell, made of German silver and horse hair, 10c. each. Pilling, made entirely of German silver, 25c. each.

***Germozone (Lee's).** The standard remedy for the prevention and cure of most every ill that affects poultry, such as roup, cholera, bowel complaint, diarrhoea, sore head, gapes, etc. Germozone's greatest value is in preventing sickness. In tablet form, 75c.

Lice Expelling Nest Eggs. These are made of naphthaline and are an ideal substitute for the natural egg, which they closely resemble. 6c. each; per doz., 65c.; \$4.50 per 100.

PARCEL POST EGG BOXES



durability to stand the usual rough handling in transit.

Capacity	Each	Doz.	Capacity	Each	Doz.
1 doz.	\$0.25	\$2.75	4 doz.	\$0.50	\$5.00
2 doz. ....	.35	3.50	5 doz. ....	.55	5.50
3 doz. ....	.45	4.50			

SALT BRICKS

For dairy cows, horses and other animals. This is an essential to general good health in stables among horses and cattle; fastened on the wall it is accessible at all times and remains clean. Per brick, 30c.; \$3.00 per dozen. P. P. Weight, each, 5 lbs.

Salt Brick Holders. 50c. each; doz., \$5.00. P. P. Weight, 3 lbs.



TAX NOTICE

All articles prefixed with an asterisk (*) on pages 65 and 66 are subject to a revenue tax of 1c. for each 25c. in value or fraction thereof, and this tax must be paid by the purchaser.

***Oculum.** For cholera, roup and diarrhoea. May be used on chicks and grown fowls with equal success. 50c. and \$1.00 per bottle.

Persian Insect Powder. ¼ lb., 50c.; 90c. per ½ lb.; lb., \$1.50.

Pratt's Disinfectant. For spraying poultry houses, stables, etc.

It gets rid of lice and mites and keeps poultry houses clean and healthy. 50c. per qt.; ½ gal., 90c.; \$1.50 per gal.

Pratt's Lice Killer (Liquid). For spraying nests, roosts, houses, etc. 50c. per qt.; ½ gal., 90c.; \$1.50 per gal.

Pratt's Lice Powder. For dusting nests, fowls, chicks, etc. 30c. and 60c. per box.

***Pratt's Roup Remedy (Pills).** For roup, canker, catarrh and diphtheria. As a preventative it is unsurpassed. 25c., 50c. and \$1.00 per box.

Pratt's Sore Head Remedy. For chicken pox, etc. 25c. and 50c. per box.

***Pratt's White Diarrhoea Remedy.** For baby chicks, 25c. and 50c.

Rat Corn. Kills and mummifies rats and mice. 25c., 50c. and \$1.00 per box.

Roup Syringe. For administering liquid roup remedies in the nostrils or throat. Price, 15c. each.

Spratt's Dog Soap. Entirely free from poison, and at the same time most effective in the destruction of lice and fleas. 25c. per cake.

Sulphur Candles. Large size, 30c. each; per doz., \$3.00. Small size, 20c. each; per doz., \$2.00.

Tobacco Dust. For dusting on roosts, nests, etc., to keep away vermin. 15c. per lb.; 5 lbs. for 50c.; \$2.00 for 25 lbs.; 100 lbs., \$6.00.

Tobacco Stems. For making nests, etc. 15c. per lb.; 5 lbs., 40c.; \$1.00 per bushel; per bbl. bag, \$1.75; in large bales of about 250 lbs., at 2½c. lb.; per ½ ton, \$17.00; \$32.00 per ton.

***Whiting's Roupene.** An infallible preventive and sure cure for all cases of roup, canker, diphtheria, chicken pox or sore head, gapes, colds and all diseases of the respiratory organs of fowls or pigeons. Will cure dogs of the sniffles. Price, 50c. and \$1.00 per bottle.

***Whiting's White Diarrhoea Remedy.** 50c. and \$1.00 per bottle. **Zenoleum Lice Powder.** For dusting hens and nests; fine for brooding hens. 35c. per 16-oz. pkg.

Zenoleum Liquid. Dilute one part Zenoleum to one hundred parts water. It is non-poisonous and is not irritating or inflammable. Should be used freely around barns and poultry houses. Zenoleum is a concentrated solution of coal tar. It is mixed with hot or cold water, making a perfect emulsion that requires no boiling or stilling. ½ pt., 35c.; 75c. per qt.; ½ gal., \$1.25; 2.00 per gal.; 5-gal. can, \$9.50.

Prices of Poultry Food fluctuate constantly and will be quoted on application where prices are not mentioned.

For Bird Seeds and Supplies see Page 67

Alfalfa Hay. 5 lbs., 35c.; 60c. for 10 lbs.; 25 lbs., \$1.25; \$2.25 for 50 lbs.; 100 lbs., \$4.00.

Alfalfa Meal. Rich in protein and especially desirable for young birds. 5 lbs., 35c.; 60c. for 10 lbs.; 25 lbs., \$1.25; \$2.25 per 50 lbs.; 100 lbs., \$4.00.

***Animal Regulator (Pratt's).** 30c. and 60c. pkg.; 12 lbs., \$1.75.

Barley. Principally fed for making feathers and bone. 5 lbs., 30c.; 50c. for 10 lbs.

Bone (Coarse Ground). For feeding grown fowls. For muscle making, producing eggs and as a digester.

Bone (Fine Grade). For feeding chicks and pullets and using in the mash. Prices for bone, 5 lbs., 50c.; 85c. for 10 lbs., 25 lbs., \$1.75; \$3.25 for 50 lbs.; 100 lbs., \$6.00.

Bran (Wheat). For mash, etc. An excellent egg maker and very nutritious. 5 lbs., 35c.; 60c. for 10 lbs.; 25 lbs., \$1.25.

Broken Rice. 15c. per lb.; 5 lbs., 65c.; \$1.15 for 10 lbs.; 25 lbs., \$2.50.

Buckwheat. Fed very largely as a change of diet. 5 lbs., 30c.; 50c. for 10 lbs.

Cake Meal. For mixing in the mash. 5 lbs., 35c.; 60c. for 10 lbs.; 25 lbs., \$1.35.

Calf Meal (Blatchford's). For weaning calves from the cow and taking the place of milk. 5 lbs., 50c.; 85c. for 10 lbs.; 25 lbs., \$2.00; \$3.75 for 50 lbs.; 100 lbs., \$7.00.

Canada Peas. Principally fed to pigeons, when it acts as a bowel regulator. 5 lbs., 55c.

Cat Food (Spratt's). Per carton, 35c.

Catnip Balls. A plaything and tonic for pussy. 15c. each.

Charcoal. Two grades, fine and coarse. Disinfects the bowels and tones up the whole system. 1 lb., 8c.; 35c. for 5 lbs.; 10 lbs., 60c.; \$1.35 for 25 lbs.; 100 lbs., \$4.00.

Chicgrain (Spratt's). Can be used as the staple food from the very day the chick is hatched. 60c. per 5 lbs.; 10 lbs., \$1.00; \$2.25 for 25 lbs.; 50 lbs. for \$4.00; \$7.75 per 100 lbs.

Chick Food (Michell's). Made from clean, wholesome grains. 5 lbs., 40c.; 75c. for 10 lbs.; 25 lbs., \$1.75; \$6.25 per 100 lbs.

Chick Food (Park and Pollard). 5 lbs., 40c.; 75c. for 10 lbs.; 25 lbs., \$1.70; \$6.25 per 100 lbs.

***Chick Food (Pratt's).** For newly-hatched chicks. 2½ lbs., 30c.; 60c. for 5¼ lbs.; 14 lbs., \$1.35; \$2.25 for 25 lbs.

Chick Manna. Price, 1 lb., 20c.; 50c. for 3 lbs.; 5 lbs., 75c.; \$2.00 for 15 lbs.; 60-lb. case, in bulk, \$6.25.

Chick Meal (Spratt's No. 5 and No. 3). For show or prize stock; develops strong, husky specimens. 5 lbs., 65c.; \$1.10 for 10 lbs.; 25 lbs., \$2.50; 50 lbs., \$4.90; \$9.50 per 100 lbs.

***Condition Powder.** (Sheridan's). A natural stimulant and persuader for the hen. 15c. package; 2¼-lb. can, 75c.

***Condition Tablets (Pratt's).** 30c. and 60c. per box.

***Conkey's Laying Tonic.** 30c. per pkg.

Conkey's Starting Food for Baby Chicks. Contains bone and muscle making properties in the highest degree. 1 lb., 15c.; 35c. for 3 lbs.; 5 lbs., 55c.; \$1.00 for 10 lbs.; 25 lbs., \$2.25; \$4.25 for 50 lbs.; 100 lbs., \$7.75.

Corn Meal (Special Process). Suitable for either mash or feeding little chicks. 5 lbs., 35c.; 60c. for 10 lbs.; 25 lbs., \$1.20; \$2.35 for 50 lbs.; 100 lbs., \$4.50.

Cracked Corn. Carefully sifted; fine or coarse. 5 lbs., 35c.; 60c. for 10 lbs.; 25 lbs., \$1.20; \$2.35 for 50 lbs.; 100 lbs., \$4.50.

Cut Clover Hay. Excellent for using in mashes, taking the place of green food. 5 lbs., 35c.; 60c. for 10 lbs.; 25 lbs., \$1.15; \$2.00 for 50 lbs.; 100 lbs., \$3.75.

Developing Food (Michell's). A mixture of grain that is fed from the time chicks are 3 weeks old till they are 3 months old. 5 lbs., 40c.; 75c. for 10 lbs.; 25 lbs., \$1.75; \$6.25 for 100 lbs.

Dog Cakes (Spratt's). Small pkg., 40c.; 75c. per large pkg.; 25 lbs., \$3.25; \$6.00 per 50 lbs.; 100 lbs., \$11.25.

Dog Cakes (Maltoid Milkbone). 20c. and 40c. per carton; 10 lbs., \$2.00; \$4.25 per 25 lbs.; 50 lbs., \$6.50; \$12.00 per 100 lbs.

Fish, Dried Ground. Splendid for egg production. 5 lbs., 45c.; 85c. for 10 lbs.; 25 lbs., \$2.00; \$3.75 per 50 lbs.; 100 lbs., \$7.00.

TAX NOTICE

All articles prefixed with an asterisk (*) on pages 65 and 66 are subject to a revenue tax of 1c. for each 25c. in value or fraction thereof, and this tax must be paid by the purchaser.

Gluten Meal. For feeding to both poultry and cows. 5 lbs., 35c.; 65c. for 10 lbs.; 25 lbs., \$1.50; \$2.75 for 50 lbs.; 100 lbs., \$5.00.

Grit (Mica Crystal). Fine, medium and coarse. 5 lbs., 20c.; 35c. for 10 lbs.; 25 lbs., 75c.; \$1.25 for 50 lbs.; 100 lbs., \$2.00; \$8.50 for 500 lbs.; 1000 lbs., \$16.00; \$30.00 per ton.

Grit (Red Cross Health). For pigeons. 5 lbs., 20c.; 35c. for 10 lbs.; 25 lbs., 65c.; \$1.25 for 50 lbs.; 100 lbs., \$2.25.

Ground Oats. This makes an excellent dry feed when combined with other similar ration. 5 lbs., 35c.; 65c. for 10 lbs.; 25 lbs., \$1.35; \$2.50 for 50 lbs.; 100 lbs., \$4.75.

Growing Food (Park and Pollard). Feed when chicks are developing. 5 lbs., 40c.; 70c. for 10 lbs.; 25 lbs., \$1.50; \$5.75 per 100 lbs.

Hemp Seed. Fed largely to pigeons, also to poultry during winter months. 20c. per lb.; 5 lbs., 90c.; \$1.50 per 10 lbs.

***Hulled Oats.** A splendid food for young chicks. 5 lbs., 70c.

Kaffir Corn. Makes a fine food for pigeons, also used for poultry. 5 lbs., 45c.; 80c. per 10 lbs.; 25 lbs., \$1.60; \$3.00 for 50 lbs.; 100 lbs., \$5.50.

Linseed Meal. For feeding with the regular ration during the moulting period. 22c. per lb.; 5 lbs., \$1.00; \$1.75 per 10 lbs.

Mash Food (Michell's Buttermilk). Rich in bone, muscle and feather making elements. 5 lbs., 35c.; 70c. for 10 lbs.; 25 lbs., \$1.50; \$5.75 per 100 lbs.

Mash Food (Park and Pollard). (Lay or bust). 5 lbs., 40c.; 70c. per 10 lbs.; 25 lbs., \$1.50; \$5.75 per 100 lbs.

Mash Food. (Buttermilk). For chicks. A specially prepared mash to develop quick growth in young stock. 5 lbs., 40c.; 75c. for 10 lbs.; 25 lbs., \$1.75; \$6.25 per 100 lbs.

Meat (Prepared). Very rich in protein. 5 lbs., 40c.; 70c. for 10 lbs.; 25 lbs., \$1.60; \$3.00 for 50 lbs.; 100 lbs., \$5.75.

Middlings. An excellent change in combination of a mash. 5 lbs., 35c.; 60c. for 10 lbs.; 25 lbs., \$1.25; \$4.35 per 100 lbs.

Millet (For Feeding). Highly nutritious and used extensively for pigeons and young chickens. 12c. per lb.; 5 lbs., 55c.; \$1.00 per 10 lbs.

Mustard (Poultry). A highly valuable poultry tonic. 1½ lbs., 60c.; \$1.10 for 3 lbs.; 5 lbs., \$1.50.

Oat Meal (Pin Head). An excellent food for young chicks after they are a few days old. 5 lbs., 70c.; \$1.25 for 10 lbs.; 25 lbs., \$2.50; \$4.50 per 50 lbs.; 100 lbs., \$8.25.

Oyster Shells. Fine and coarse. State which is wanted when ordering. 5 lbs., 15c.; 60c. for 25 lbs.; 50 lbs., \$1.10; \$2.00 per 100 lbs.; 500 lbs., \$8.50; \$27.50 per ton.

***Panacea (Poultry Tonic).** 2½ lbs., 30c.; 60c. per 5 lbs.; 12½ lbs., \$1.25.

Pheasant Meal (Spratt's). No. 12 Fine; No. 5 Coarse. State which is wanted when ordering. 5 lbs., 65c.; \$1.10 per 10 lbs.; 25 lbs., \$2.50; \$4.90 per 50 lbs.; 100 lbs., \$9.50.

Poultry Food (Spratt's No. 3). A splendid egg producer. 5 lbs., 65c.; \$1.10 per 10 lbs.; 25 lbs., \$2.50; \$4.90 per 50 lbs.; 100 lbs., \$9.50.

Poultry or Scratch Food (Michell's). An evenly balanced grain ration. 5 lbs., 40c.; 75c. for 10 lbs.; 25 lbs., \$1.60; \$3.00 per 50 lbs.; 100 lbs., \$5.75.

Poultry or Scratch Food (Park and Pollard). A carefully prepared food. 5 lbs., 40c.; 70c. for 10 lbs.; 25 lbs., \$1.60; \$6.00 per 100 lbs.

***Pratt's Poultry Regulator.** Price, 8-oz. package, 12c.; 24-oz., 30c.; 60c. per 4 lbs.; 12-lb. bag, \$1.20; \$1.75 per 12-lb. pail.

Prepared Pigeon Food. An excellent mixture of grain. 5 lbs., 40c.; 75c. per 10 lbs.; 25 lbs., \$1.75; \$6.50 per 100 lbs.

Puppy Cakes (Spratt's). Small pkg., 50c.; 85c. large pkg.; 25 lbs., \$3.50; \$6.50 per 50 lbs.; 100 lbs., \$12.50.

Puppy Cakes. (Maltoid Milkbone). 20c. and 40c. per carton; 10 lbs., \$2.15; \$4.50 per 25 lbs.; 50 lbs., \$6.75.

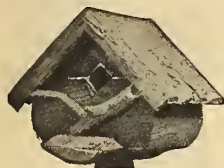
Salt Cat. A tonic for pigeons. 25c. per brick; per doz., \$2.75.

Sunflower Seed. For poultry, parrots, etc. 20c. per lb.; 5 lbs., 90c.; \$1.70 per 10 lbs.

Vetches or Tares. For pigeon feeding. Ask for quotations.

MICHELL'S RUSTIC AND ORNAMENTAL BIRD HOUSES 67

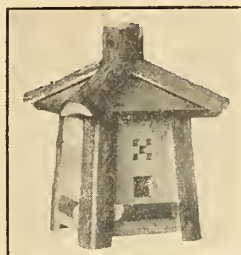
Comparatively few of us recognize the great economic value of birds. Particularly the bluebirds, house wrens and martins are very easily domesticated. Their favorite nesting sites are bird houses made for their use which may be placed about in the garden and farm or in orchards. As rent, these grateful birds pay amply, destroying millions of insects annually. If you put up bird houses in the autumn or before the birds arrive in the spring, you may be able to keep some birds with you all winter if you provide them with shelter and food.



No. 11. Wren House.
Price, \$1.75. Wt., 3 lbs.
No. 12. Wren House.
Similar to No. 14.
Price, \$1.75. Wt., 3 lbs.



No. 13. Wren House.
Price, \$1.75. Wt., 3 lbs.



No. 61. Wren House.
Swinging.
Price, \$1.75. Wt., 3 lbs.



No. 23. The Wren "House Beautiful."
Price, \$2.50. P. P. Weight, 4 lbs.



No. 14. Wren or Blue
Bird House.
Swinging.
Price, \$1.75. Wt., 3 lbs.



No. 17. Wren House.
Price, \$1.75. Wt., 3 lbs.



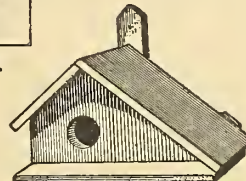
No. 50. Wren House.
Swinging.
Price, \$1.75
Weight, 3 lbs.



No. 62. Blue Bird
House.
Price, \$1.75. Weight,
3 lbs.

No. 21. Blue
Bird House.
Price, \$1.75.
Weight, 3 lbs.

No. 63. Wren
and Robin
House.
Price, \$1.75
Weight, 3 lbs.



Maryland Wren Box
Painted green and red.
40c. each. P. P. Wt., 1
lb.



No. 60. Robin House.
Price, \$1.75. Wt., 3 lbs.



No. 8. 14-Room Martin House.
Price, \$22.00. Not available.

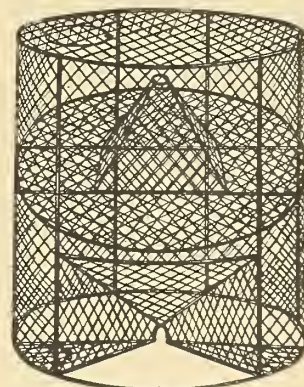


No. 78. 4-Room Mar-
tin House.
Price, \$5.50.

No. 25. For
Woodpeckers,
Chickadees,
Nuthatches,
etc.
Price, \$1.75
Weight, 3 lbs.

WIRE SPARROW TRAP

We have tried it out and found it to be the best trap made. Scatter a little cracked corn and set trap right over it. You'll be surprised at the catch. \$7.00 each.



MICHELL'S RECLEANED BIRD SEEDS, PET SUPPLIES, ETC.

Our bird seeds are of the highest quality, fresh and recleaned. Your feathered pets will thrive if you get your supplies in this line from us.

	¼ lb.	Lb.	5 lb.	10 lb.
Ants' Eggs	\$1.25	\$4.00		
Canary. Plain Sicily .....		.20	\$0.90	\$1.70
Canary, Mixed .....		.20	.90	1.70
Hemp Seed .....		.20	.90	1.50
Millet Seed (Imported) .....		.12	.55	1.00
Rape Seed .....		.20	.90	1.60
Unhulled Rice .....		.25	1.10	2.00
Bird Manna. Keeps Canary Birds in prime condition. Pkg., 15c.				
Cuttle Fish Bone. 10c. each; ¼ lb., 35c.; \$1.25 per lb.				
Fish Food. For aquariums. 15c. pkg.				
Lettuce Seed. 5c. per oz.; 10c. per ¼ lb.; 1b., 30c.				

Maw Seed. ¼ lb., 25c.; 85c. lb.; 5 lbs., \$4.00.
Parrot Food (Spratt's). 20c. pkg.; \$1.65 doz.
Sand for Bird Cages. Fine, Red or Silver, 10c. pkg.; doz. pkgs., \$1.00. Silver (coarse), 10c. pkg.; doz. pkgs., \$1.00.
Song Restorer for Canaries, revives the desire to be lively and sing more lustily. Price, 15c. per bottle; per doz., \$1.50.
Prices on Bird Seeds Subject to Market Changes.

SUNFLOWER SEED

We are very large handlers of this important food for parrots. Our customers may depend upon getting a very choice article. 20c. per lb.; 5 lbs., 90c.; \$1.70 per 10 lbs.

MICHELL'S HIGH GRADE FERTILIZERS

All Prices on
Fertilizers
Subject to Market
Changes

PLEASE [NOTE---No smaller quantity of Fertilizer than here offered can be supplied

Alphano Inoculant. A soil bacteria used in growing legumes. It comes in a finely powdered form, making it easy to use. 1-acre size (2 lbs.), \$1.00; per 10-acre size (20 lbs.), \$8.00.

Ashes, Hard Wood. Apply 1,000 lbs., per acre. Indispensable for all crops requiring potash; excellent for mixing with potting soil. For top dressing lawns and grass fields it is applied to best advantage either in very early spring or late fall. Per 25 lbs., 85c.; \$1.50 per 50 lbs.; 100 lbs., \$2.50; \$4.50 per 200-lb. bbl.; 1000 lbs., \$20.00; per ton, \$37.50.

Acid or Rock Phosphate. (14 per cent.) Apply 1000 lbs. per acre. Used for mixing with other fertilizers to increase the phosphoric acid analysis. In 200 lb. sacks only; \$5.00 per 200 lbs.; ½ ton, \$21.00; \$40.00 per ton.

Asparagus Fertilizer (Pure Bone and Potash). A mixture that promotes the root and top growth. Apply 800 lbs. per acre. 25 lbs., \$1.25; \$2.00 per 50 lbs.; 100 lbs., \$3.75; \$6.50 per 200 lbs.; ton, \$55.00.

Blood. (Dried). Apply 300 lbs. per acre. For indoor culture of flowering plants, like roses, carnations, etc., its chief element being nitrogen. One of the quickest acting fertilizers. 5 lbs., 75c.; \$1.25 per 10 lbs.; 25 lbs., \$2.75; \$5.00 per 50 lbs.; 100 lbs., \$9.00; \$17.50 per 200 lbs.

Bon Arbor. A concentrated chemical fertilizer to be used in liquid or powder form, according to directions on package. Dilute 1 lb. to 30 gals. water. Per 8-oz., 30c.; 60c. per lb.; 5 lbs., \$2.75.

Bone Flour. Finely pulverized and bolted. Effective immediately. For rose growing this cannot be excelled. Rich in phosphoric acid and ammonia. Apply 600 lbs. per acre. 5 lbs., 50c.; 85c. per 10 lbs.; 25 lbs., \$1.75; \$3.25 per 50 lbs.; 100 lbs., \$6.00; \$11.00 per 200 lbs.; 1000 lbs., \$50.00; \$90.00 per ton.

Bone Meal (Michell's Special Grade). Unusually rich in nitrogen and phosphoric acid, the two principal plant foods. We recommend this especially for lawns, gardens and greenhouses, or any purpose where a high-class fertilizer counts. Apply 800 to 1000 lbs. per acre. 3 lbs., 25c.; 35c. for 5 lbs.; 10 lbs., 60c.; \$1.35 for 25 lbs.; 50 lbs., \$2.50; \$4.50 per 100 lbs.; 200 lbs., \$8.50; \$40.00 per ½ ton; ton, \$77.50.



Chrysanthemum Manure (Thomson's Special). Especially recommended and used by the leading private gardeners of England and America. Per 28-lb. sack, \$4.00; \$8.00 per 56-lb. sack.

Clay's Fertilizer. An English chemical fertilizer, for forcing greenhouse plants and vegetables. It can be used in either dry or liquid form. 28 lbs., \$4.50; \$7.50 per 56 lbs.; 112 lbs., \$14.00.

Climax Lawn Sand. (See Lawn Sand).

Cotton Seed Meal. Apply 800 lbs. per acre. Exceedingly rich in potash and ammonia, making it excellent for use as a grass and grain fertilizer. 5 lbs., 40c.; 75c. for 10 lbs.; 25 lbs., \$1.40; \$2.50 for 50 lbs.; 100 lbs., \$4.50; \$8.50 per 200 lbs.; 1000 lbs., \$39.00; \$75.00 per ton.

Cow or Cattle Manure (Pulverized). Thoroughly sterilized and weedless. Quick in action and especially desirable for pot plants, etc. \$3.50 per 100 lbs.; 500 lbs., \$16.50; \$30.00 per 1000 lbs.; ton, \$55.00.

Cow or Cattle Manure (Shredded). Convenient to handle, making it possible for everyone to get this usually scarce article at all times. Especially suited for soil mixing, mulching and liquid manuring. Apply 1000 lbs. per acre. \$3.50 per 100 lbs.; 500 lbs., \$16.50; \$30.00 per 1000 lbs.; ton, \$55.00.

Dissolved Bone. Apply 600 to 800 lbs. per acre. Used principally for indoor culture, although it is highly recommended for a grass top dressing. Price upon application.

Hay and Pasture Grass Fertilizer (Michell's). A splendid mixture for top dressing wheat, rye, timothy and grass fields. Apply 800 to 1000 lbs. per acre. 200 lbs. for \$6.50; \$31.50 per 1000 lbs.; per ton, \$60.00.

Hog Manure (Pulverized). Put up and sold in 100-lb. bags only; splendid for forcing vegetables and flowering plants; increasing size and yield. Per 100 lbs., \$3.50; \$16.50 for 500 lbs.

Horn Shavings. Used principally for mixing in potting; is rich in ammonia; especially valuable in chrysanthemum growing. 5 lbs., 75c.; \$1.20 for 10 lbs.; 25 lbs., \$2.25; \$4.00 for 50 lbs.; 100 lbs., \$7.00.

Humus (Alphano Prepared). An excellent article to incorporate with poor soil in the garden, greenhouse or in potting plants. When used in garden work, the ground should be covered with ½ to 2 inches of Humus and spaded in. 5 lbs., 35c.; 60c. for 10 lbs.; 25 lbs. for 90c.; \$2.75 per 100 lbs.; 500 lbs., \$12.00; \$18.00 per 1000 lbs.; 2000 lbs., \$32.50. (Special price f. o. b. Alphano, N. J.)

Kainit (Potash Salts). For top dressing; asparagus beds, etc. Price on application.

Land Plaster. Used for top dressing newly plowed land prior to harrowing; also for sweetening the soil on lawns and fields; also used for mixing with Paris Green. Apply 1500 to 2000 lbs. per acre. 40c. for 10 lbs.; 25 lbs., 60c.; \$1.00 for 50 lbs.; 100 lbs., \$1.75; \$3.25 for 200 lbs.; ton, \$25.00.

Lawn Sand (Climax). A weed destroyer as well as a fertilizer, containing a large percentage of nitrogen. Will be found very valuable for lawn use. For best results follow the directions on the package. 3½ lb. tin, 75c.; \$1.35 for 7 lbs.; 14 lbs., \$2.25; \$3.50 per 28 lbs.; 56 lbs., \$5.75; \$11.00 per 112-lb. bag.

Lime (Hydrated or Powdered). This is a very fine article for distributing on grass. Promotes growth and gives the grass a rich color and has a tendency to prevent the growth of weeds. Apply one ton per acre. Per 100-lb. sack, \$2.50; \$11.00 per 500 lbs.; 1000 lbs., \$21.00; \$40.00 per ton.

Limestone (Pulverized). For applying on sour or wornout soils at the rate of 1 ton per acre. Put up in 100-lb. bags, \$1.75 per bag; 500 lbs., \$6.50; \$11.00 per 1000 lbs.; ton, \$20.00.

Limoid. Made from pure lump lime, thoroughly hydrated. 10-lb. pkg., 40c.

Manure (Fresh Horse, Stockyard and Cow). At short notice we can usually supply first-class horse, cow and stockyard manure in carload lots only. Prices on request.

Mulford's Culture (Bacteria for Legumes). For inoculating Clovers and other legumes. When ordering, please state for what crop you desire to use it. Trial size for beans and peas, 25c. Garden size (¼ acre). 50c.; 1-acre size, \$1.50; 5-acre size, \$5.00.

Muriate of Potash. Apply 100 to 150 lbs. per acre, usually with other fertilizers. Excellent for potatoes, corn, grains, etc. Analysis, equal to 50 per cent. actual potash. 5 lbs., \$1.25; \$2.00 per 10 lbs.; 25 lbs., \$4.00; \$12.00 per 100 lbs.



PLEASE Use a smaller quantity of Fertilizer than here offered can be supplied

Nitrate of Soda. Apply 100 to 150 lbs. per acre, mixing with land plaster or other fertilizers to render application more easy. Use only after plants are above ground. If used in liquid form dilute 2 ozs. to 1 gal. of water and do not apply oftener than twice a week. 1 lb., 20c.; 75c. per 5 lbs.; 10 lbs., \$1.30; \$2.50 per 25-lb. bag; 50-lb. bag, \$4.25; \$8.00 per 100 lbs.

Phosphate for Corn (Michell's). Apply 800 lbs. per acre. This contains the necessary ingredients to produce a bumper crop of corn. 25 lbs. for \$1.00; \$1.75 for 50 lbs.; 100 lbs. for \$3.25; \$5.50 for 200 lbs.; per ½ ton, \$26.00; \$50.00 per ton.

Phosphate (Michell's High-Grade Ammoniated). For all vegetable crops, grains, grass, etc. Apply 800 to 1000 lbs. per acre broadcast. 5 lbs., 35c.; 60c. per 10 lbs.; 25 lbs., \$1.25; \$2.00 per 50 lbs.; 100 lbs., \$3.50; \$6.50 per 200 lbs.; ton, \$57.50.

Plant Food (Michell's). A highly concentrated chemical fertilizer for house, garden or conservatory. Clean, odorless and producing early and abundant blossoms of rich and brilliant color, and healthy, luxuriant plants. Analysis: Nitrogen, 2½%; available phosphoric acid, 7%; potash, 2%. Per 6 oz. pkg., 20c.; 25c. per 12 oz. pkg. Allow for postage if wanted by mail.

Plant Life (Zenke's). A liquid plant food, tonic and fertilizer. It contains in concentrated form the elements of plant food in proper proportion for absorption by the plant. Per 8 oz., 25c.; \$3.25 per gal.

Potato Manure (Michell's). Apply at the rate of from 800 to 1000 lbs. per acre. The principal fertilizer for potatoes in this section, being especially compounded for this purpose. 25 lbs., \$1.50; \$2.25 per 50 lbs.; per 100 lbs., \$4.25; \$7.75 per 200 lbs.; per ½ ton, \$36.50; \$70.00 per ton.

POUDRETTE (Native Guano)

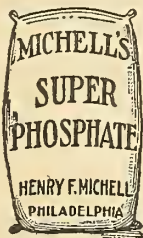
The Marvelous Fertilizer for Vegetables, Flowers, Grasses and Grain

This is undoubtedly the lowest-priced fertilizer in existence, considering its great value for producing large, quick crops. It is a natural fertilizer, containing no chemicals. Valuable for top dressing lawns, fields or for using in connection with planting potatoes, vegetable, flower or grass seeds, or in fact, wherever a good, quick acting fertilizer is wanted. It should be applied broadcast (as it will not go through a drill) at the rate of 1000 lbs. per acre. It is available the first season and cannot burn, no matter how much is applied. It is odorless, easily handled and keeps indefinitely; cannot introduce weeds into the lawn or garden; there is nothing that will act quicker or give better and more lasting results than Poudrette. Market gardeners and vegetable growers, as well as those who want to grow fine flowers, will find this an A-1 all-round fertilizer.

PRICES

25 lbs.	\$1.25	200 lbs.	\$ 4.25
50 lbs.	1.75	1000 lbs.	20.00
100 lbs.	2.75	2000 lbs. (1 ton).....	35.00

Salt. For asparagus beds and putting on walks and roads to kill weeds. Apply 800 lbs. per acre in early spring. 25 lbs. for 75c.; \$1.25 for 50 lbs.; \$2.00 per 100 lbs.; 200 lbs., \$3.50; \$30.00 per ton.



Sheep Manure (Wizard Brand). Apply 1000 lbs. per acre. For garden, lawn or greenhouse use, nothing surpasses sheep manure; it is clean and easily handled, besides giving immediate results. 2 lbs., 20c.; 35c. per 5 lbs.; 10 lbs., 60c.; \$1.25 per 25 lbs.; 50 lbs., \$2.00; \$3.50 per 100 lbs.; 500 lbs., \$16.50; \$30.00 per 1000 lbs.; per ton, \$55.00.

Soot (Imported Scotch). This is used principally for bringing a good healthy color into the foliage of chrysanthemum and other greenhouse plants. Also destroys insects and grubs that work on top of and underneath the surface. Price upon application.

Sulphate of Ammonia. Apply 75 to 100 lbs. per acre only with other fertilizers deficient in nitrogen. This material will stimulate growth almost immediately. Analysis: equal to 25% of ammonia. Price on application.

Sulphate of Potash. Apply 100 to 125 lbs. per acre, usually with other fertilizers. On account of its great strength it must be used judiciously. Valuable for root and grain crops. Analysis equal to 50% of actual potash. Price upon application.

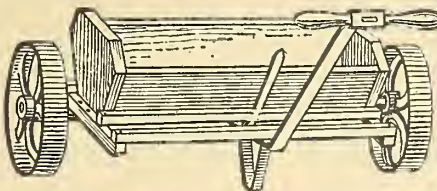
Tankage. This is usually applied to plants such as roses, etc., under glass. It is similar to dried blood. 50 lbs., \$2.00; \$3.75 per 100 lbs.; 200 lbs., \$6.50; \$31.00 per ½ ton; ton, \$60.00.

Thomson's Special Flower, Vegetable and Vine Manure. Imported from England, this excellent chemical fertilizer is a reliable food and stimulant for every fruit-bearing plant, also foliage and flowering plants and vegetables of all descriptions. 28 lb. bags, \$3.00; \$5.75 per 56 lbs.; 112 lbs., \$10.00.

Wheat Fertilizer. For grass and grain crops. Apply 800 lbs. per acre. \$6.50 per 200 lbs.; ½ ton, \$31.50; \$60.00 per ton.

Tobacco Stems. For fumigating, mulching and fertilizing, these are invaluable. The chief fertilizing element in them is the potash. 40c. for 5 lbs.; per bu., \$1.00; \$1.75 per bbl. sack; in large bales at 2½c per lb.; per ½ ton, \$17.00; \$32.00 per ton.

Wood Ashes. See ashes at top of opposite page.



THE STEVENS' FERTILIZER DISTRIBUTOR

Hand Machine. For distributing bone meal, wood ashes and other commercial fertilizers on fields, lawns, etc. Insures perfect and even distribution, requiring less time than by the hand process. Machine holds about 1¾ bushels. Covering area 3 feet wide. Price, \$17.50.

Horse Machine. This style is suitable for use on large lawns, fields and golf grounds. It has a device for regulating the quantity to be sown. It is furnished equipped for either one or two horses as may be desired. Prices f. o. b. factory. 5 foot 10-inch spreading area, \$57.50; 8 foot 3-inch spreading area, \$62.50.

All prices subject to market changes.

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MICHELL'S INSECT DESTROYERS, ETC.

DIRECTIONS FOR USING ANY OF THE FOLLOWING WILL BE FOUND ON EACH PACKAGE, OR WE SHALL BE PLEASED TO GIVE INFORMATION BY MAIL OR OTHERWISE

- Ant Exterminator (Magic).** A powder that is used for distributing around buildings on the greenhouse benches on lawns, gardens, and any other places infested by ants. Per ¼ lb., 30c.; 50c. per ½ lb.; lb., 80c.; \$3.25 per 5 lbs.
- Ant Exterminator (Zenke's).** An effective liquid form of this important insecticide. Per 8 oz., 25c.; \$2.25 per gal.
- Aphine.** For destroying aphids, green fly, thrip, red spider and other greenhouse and outdoor insects. It dilutes readily in water about 1 part to 40 of the latter. ¼ pt., 25c.; 40c. per ½ pt.; pt., 65c.; \$1.00 per qt.; per gal., \$3.00.
- Aphis Punk.** A paper that has been thoroughly saturated with nicotine. Used for fumigating, giving off dense fumes of nicotine. Excellent for aphids, thrip, white and green fly, also red spider. (For use in greenhouses only.) Not procurable at present.
- Arsenate of Lead (Paste).** For spraying trees and shrubs against the attacks of leaf-biting insects of all kinds, especially valuable for spraying to prevent the codling moth; dilutes 1 lb. to 25 gals. water. Per lb., 40c.; \$1.65 per 5 lbs.; 10 lbs., \$3.00; \$6.00 per 25 lbs.; 50 lbs., \$10.50; \$19.50 per 100 lbs.
- Arsenate of Lead (Powdered).** 1 lb. to 1½ lbs. dilutes to 50 gals. of water, or may be used dry, like Paris Green. Per lb., 55c.; \$2.65 per 5 lbs.; 10 lbs., \$5.00; \$10.50 per 25 lbs.; 50 lbs., \$20.00; \$37.50 per 100 lbs.
- Black Leaf 40.** A concentrated solution of nicotine sulphate, an excellent spray for black aphids and sucking insects of all kinds. Full directions on each package. Per 1 oz. bottle, 25c.; \$1.15 per ½ lb.; 2 lbs., \$3.50; \$14.50 per 10 lbs.
- Bordeaux Arsenate.** A combined fungicide and insecticide. For fruit trees, potatoes, melons, cucumbers, etc.; also for mildew, black spots, etc., on roses. Per lb., 40c.; \$1.50 per 5 lbs.; 10 lbs., \$2.75; \$6.00 per 25 lbs.; 50 lbs., \$10.00; \$18.50 per 100 lbs.
- Bordeaux Mixture (Paste).** Used principally for mildew, blight and fungous diseases that affect potatoes and fruit trees; by adding water it is ready for use. In 5-gal. kegs only, price \$7.25.
- Bordeaux Mixture (Dry Form).** For dusting plants affected with mildew and all fungous diseases. Per lb., 30c.; \$1.25 per 5 lbs.; 10 lbs., \$2.00.
- Boro-Wax.** For painting trees to destroy and keep away borers. Per qt., 60c.; \$1.00 per ½ gal.; gal., \$1.50.
- Bug Death.** Largely used instead of Paris Green. It is claimed to have the same effect. The manufacturers say that it acts as a fertilizer as well as an insecticide. It comes in powder form, and is applied pure. Not poisonous to persons. Per lb., 20c.; 50c. per 3 lbs.; 5 lbs., 75c.; \$1.65 per 12½ lbs.; 100 lbs., \$8.50.
- Bug Death (Aphis).** For destroying aphids on vegetable plants. 12 oz. pkg., 20c.; \$8.50 per 80-lb. keg.
- Carbolineum (Arvenarius).** Now called Protexol. A germicide and disinfectant for purifying poultry houses, stables, etc.; also an excellent wood preserver when used as a paint. Per gal., \$1.50; \$7.00 per 5 gals.
- Copper Solution.** Made of sulphate of copper and other materials. Excellent spray for carnation rust and diseases of the grape, pear, apple, and other fruits. A good thing to use for leaf blight and mildew. It is diluted in water. Per qt., \$1.25; \$3.50 per gal.
- Cyanegg.** For generating Hydrocyanic Acid Gas. Claimed to be the best remedy for killing white fly. Per lb., 85c.
- Dalmatian or Persian Powder.** For ridding buildings of all kinds of insect pests; particularly roaches, ants, moths and fleas. Per ¼ lb., 50c.; 90c. per ½ lb.; lb., \$1.50; \$7.25 per 5 lbs.
- Fir Tree Oil Soap.** This is very much like the Fir Tree Oil, except that it is in the shape of soft soap, and many prefer to use it in that way. It is dissolved according to directions in warm or hot water and used as a spray or wash. For destroying mealy bugs, scale, aphids, red spider, etc. Per ½ lb., 35c.; \$1.00 per 2-lb. can.
- Fish Oil Soap.** An excellent summer spray, when something stronger cannot be used, where San Jose Scale exists. It is nice for washing off lemon trees, oleanders, and almost anything that would be infested with soft-shelled or in fact most any kind of insect. Dissolved in water according to various purposes. Per ½ lb., 15c.; 25c. per lb.; 5 lbs., \$1.00; \$1.80 per 10 lbs.; 25 lbs., \$4.00; \$11.00 per 100 lbs.
- Fish Oil Soap (Good's Caustic).** Used extensively as a tree spray and as a summer remedy for San Jose Scale; it comes in a soft soap form and is easily dissolved, 1 lb. to 10 gals. water. Per lb., 35c.; \$1.50 per 5 lbs.; 25 lbs., \$5.50.
- Fungicide (Zenke's).** For various forms of fungus. Per 8 oz., 25c.; \$3.25 per gal.
- Fungine.** An excellent remedy for fungous diseases of all kinds. Per ½ pt., 40c.; 65c. per pt.; qt., \$1.00; \$3.00 per gal.
- Getz There Soap.** Ideal for washing palms and spraying in place of Whale Oil Soap. 2 lbs., 60c.; \$1.75 for 8 lbs.; 50 lbs., \$7.00.
- Grape Dust.** A powder preparation used for mildew, aphids, black fly, and other insects and fungous diseases, principally in greenhouse. Per 5 lbs., \$1.00; \$1.85 per 10 lbs.
- Hellebore.** The ideal material for destroying rose bugs, currant worms, and other soft-shelled insects that infest the garden. It can be applied dry or in liquid form. ¼ lb., 25c.; 40c. per ½ lb.; lb., 70c.; \$3.00 per 5 lbs.
- Imp. Soap Spray.** An all around outdoor and greenhouse insecticide. Per pt., 65c.; \$1.00 per qt.; gal., \$3.00; \$12.00 per 5 gals.; 10 gals., \$22.50.
- Insecticide (Zenke's).** A powerful liquid contact Insecticide, embodying the most effective elements which destroy most of the class of sucking insects lying on the leaf surface so as to be in reach of actual contact. Per 8 oz., 25c.; \$2.25 per gal.
- I X L Compound.** English preparation for spraying; harmless to very delicate plants. Kills mealy bug, red spider and all insect pests. Per gal., \$6.00; \$27.50 per 5 gals.
- Kerosene Emulsion (Liquid) (Misible Oil).** Diluted in water this makes an excellent spray for all mild forms of scale, and soft lice of any kind such as infest rose and fruit bushes, vegetables and trees. Dilutes 1 part to 20 parts of water. Per qt., 70c.; \$1.75 per gal.
- Lemon Oil Insecticide.** The best and cheapest insecticide in the market. Used by nearly all the leading growers. It effectually destroys mealy bug, scale, thrip and red spider. Per ½ pt., 35c.; 60c. per pt.; qt., \$1.00; \$1.75 per ½ gal.; gal., \$3.00; \$12.00 per 5-gal. keg.
- Lime Sulphur.** For scale insects on trees and shrubs, and such fungous diseases as can be treated in winter or early spring; also for leaf curl of peaches. Per qt., 45c.; 75c. per ½ gal.; gal., \$1.25; \$4.00 per 5 gals.; 30-gal. bbls. at 35c. per gal.; 50-gal. bbls. at 30c. per gal.
- Lime Sulphur (Dry Powder Form).** Powdered Lime Sulphur is becoming very popular on account of the small expense for shipping. It is instantly soluble in either cold or hot water; dilute 1 lb. to 6 gals. of water; does not separate, keeps indefinitely. Per lb., 35c.; \$1.50 per 5 lbs.; 10 lbs., \$2.00; \$4.00 per 25 lbs.; 50 lbs., \$7.00; \$12.50 per 100 lbs.



CARBONDALE HYDROMETERS

These are highly recommended by the Pennsylvania State Department of Agriculture for testing the gravity of Lime-Sulphur solution; one should be in the hands of every man who uses this material. Price, \$1.25. (Postpaid, \$1.35.) With directions.

MICHELL'S INSECT DESTROYERS, ETC.

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DIRECTIONS FOR USING ANY OF THE FOLLOWING WILL BE FOUND ON EACH PACKAGE, OR WE SHALL BE PLEASED TO GIVE INFORMATION BY MAIL OR OTHERWISE.

Melrosine. An efficient Rose Bug remedy. A powerful and highly concentrated insecticide, used as a spray when diluted with from 20 to 25 times its bulk of water. Per ½ pt., 50c.; \$1.00 per pt.; qt., \$1.75; \$3.25 per ½ gal.; per gal., \$6.00.

Mo-Lo. A preparation for destroying and driving away moles. Per pkg., 25c.

Nico-Fume (Liquid). This is used in very much the same way as Nicotieide. Per ¼ lb., 65c.; \$2.00 per lb.; 4 lbs., \$7.50; \$14.50 per 8 lbs. Special price on large quantities.

Nico-Fume Paper. This is a paper treated with nicotine, giving off dense fumes of strong nicotine when ignited. Preferred by many who do not wish to spray or vaporize. Per box of 24 sheets, \$1.25; \$5.00 for 144 sheets; 288 sheets, \$9.50.

Nikoteen (30% solution). One of the very best forms of tobacco or nicotine preparations, usually diluted in water, makes a most satisfactory spray as well as vapor; excellent for pea lice in the garden. Per 1 oz. bottle, 40c.; 60c. per 1¼ oz. bottle; ½ lb. bottle, \$1.25; \$2.25 per 1 lb. bottle; 4 lb. bottle, \$7.50; \$13.50 per 8 lb. bottle.

Paris Green. A poisonous powder for potato bugs, worms, caterpillars, slugs, etc. It may be used in liquid form, 1 pound in 50 gallons of water, or with Land Plaster at the rate of 1 pound Paris Green to 100 pounds Land Plaster. Per ¼ lb., 20c.; 35c. per ½ lb.; lb., 60c.; \$1.20 per 2 lbs.; 5 lbs., \$2.90; \$7.60 per 14 lbs.

Protexol (See Carbolium). For preserving wood, etc.

Pyrox (Bowker's). A combined insecticide and fungicide for all leaf eating insects, blights and fungus troubles; it is a pasty substance, and needs only to be mixed with cold water. Per lb., 45c.; \$1.75 per 5 lbs.; 10 lbs., \$3.00; \$6.25 per 25 lbs.; 50 lbs., \$11.00; \$20.00 per 100 lbs.; 300 lbs., \$57.00.



Rat Corn. For destroying rats and mice in greenhouses, hotbeds, etc.; not poisonous to other animals. 25c., 50c. and \$1.00 per box.

Readeana Rose Bug Exterminator. Used for destroying rose bugs, green fly, mealy bug, blight,

mildew, etc. Harmless to the most delicate plant. Trial bottle, 30c.; 50c. per 8 oz.; 24 oz., \$1.00; \$4.00 per gal.

Scalecide. Used for the destruction of the San Jose Scale. Dilute at the rate of one gallon Scalecide to 20 gallons water. Scalecide does not clog nozzles, hose or pump, and is pleasant to use. Spray during the winter or early spring when the trees are dormant. Per qt., 75c.; \$1.85 per gal.; 5 gals., \$7.50; \$12.50 per 12 gals.; 30 gals., \$31.50; \$47.50 per 50 gals.

Scale Destroyer (Soluble Oil). For San Jose Scale, 1 gal. dilutes to 20 gals. water. Per qt., 60c.; 85c. per ½ gal.; gal., \$1.50; \$6.25 per 5 gals.

Shoo Fly. For keeping flies off cattle and horses; used with a spray or a sponge; the cattle and horses are either sprayed or rubbed with the preparation in the morning before being put in the field or out to their day's work. Per qt., 45c.; \$1.25 per gal.

Slug Shot. The standard remedy for currant worms, rose slugs, cabbage worms, and almost any soft-shelled insects that infest the vegetable or flower garden. Per 1 lb. canister, 20c.; 60c. per 5 lbs.; 10 lbs., \$1.00; \$2.25 per 25 lbs.; 100 lbs., \$8.75; full barrel lots (about 250 lbs.), 8½c. per lb.

Sulco-V. B. Will control San Jose and other scale insects, and many species of plant lice and fungus diseases. Pt., 40c.; 75c. per qt.; ½ gal., \$1.35; \$2.50 per gal.; 5 gal., \$8.50; \$15.00 per 10 gal.; ½ bbl. (about 30 gal.), \$1.00 per gal.; bbl. (about 50 gal.), 90c. per gal.

Sulphur Candles. For fumigating in sick-rooms, also in conservatories and greenhouses. Large, 30c. each; per doz., \$3.00; small, 20c. each; per doz., \$2.00.

Sulphate of Copper. For destroying fungus diseases of all kinds, also used in making Bordeaux mixture, and for spraying potato vines in connection with Paris Green. Where used as a Bordeaux mixture it requires four pounds sulphate of copper to 6 pounds lime, which is diluted in 50 gallons of water. Per lb., 20c.; 90c. per 5 lbs.; 10 lbs., \$1.60.

Sulphur. Used principally in greenhouses for checking mildew. It is also used as a preventive and cure for San Jose Scale when it is used in connection with lime and salt. Per lb., 15c.; 60c. per 5 lbs.; 10 lbs., \$1.15; \$2.25 per 25 lbs.; 100 lbs., \$8.00.

Thrip Juice (Hammond's No. 2). This preparation is very effective against aphids, red spider, mealy bugs and sucking insects generally. Per pt., 85c.; \$1.50 per qt.; gal., \$4.00.

Tobacco Dust. (For dusting only.) Excellent for lettuce and other plants to destroy soft, creeping insects. Per lb., 15c.; 35c. per 5 lbs.; 10 lbs., 65c.; \$1.50 per 25 lbs.; 100 lbs., \$5.25.

Tobacco Dust. (Special dusting or fumigating.) A specially prepared article. Per lb., 15c.; 50c. per 5 lbs.; 10 lbs., 90c.; \$2.00 per 25 lbs.; 50 lbs., \$3.50; \$6.00 per 100 lbs.

Tobacco Soap. (Sulpho.) A combination of tobacco extract and sulphur; fine for washing and spraying plants; dissolve in warm water. Per 3 oz., 15c.; 25c. per 6 oz.

Tobacco Stems. (Fresh.) Used principally for fumigating and under benches in greenhouse. They may also be steeped in hot water and used as a spray. Per lb., 15c.; 40c. per 5 lbs.; bushel \$1.00; \$1.75 per bbl. sack; large bales at 2½c. per lb.; ½ ton, \$17.00; \$32.00 per ton.

Tree Tanglefoot. A paste preparation for painting around the trunks of trees, in the form of a band. Caterpillars and other crawling pests cannot get over it. Per lb., 50c.; \$1.45 per 3 lb. can; 10 lbs., \$4.50; \$8.75 per 20 lbs.; 25 lbs., \$10.50.

Vermine. A soil sterilizer, and a germicide. Will destroy maggots, cut worms, grubs, etc. It is usually applied at the time of preparing potting soil. Dilute at the rate of one part to 400 parts of water and thoroughly soak the soil. Per ¼ pt., 25c.; 40c. per ½ pt.; pt., 65c.; \$1.00 per qt.; gal. \$3.00.

Worm Destroyer. (For Earth Worms.) This preparation is made in England, where it is being applied to grass plots, putting greens, etc., with great success. It is a powder and is distributed over a given surface and soaked with water, which causes the worms to come to the surface, where they may be scooped up readily and further destroyed. It acts as a fertilizer as well as worm destroyer.

Michell's Brand. Per 100 lbs., \$7.00; \$33.00 per 500 lbs.; 1000 lbs., \$55.00; \$100.00 per ton.

Carter's Brand. (F. o. b. Philadelphia): Per 100 lbs., \$12.00; \$11.00 per 1000 lbs.; ton, \$210.00. (F. o. b. Boston): Per 100 lbs., \$10.50; \$200.00 per ton.

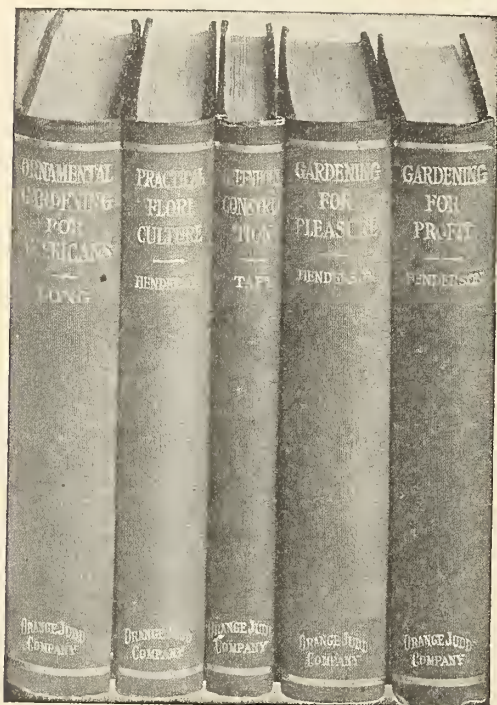
Worm Eradicator. (Reade's Electric.) This has been found to effectually destroy worms in greenhouse benches and in potted plants, or for outdoor use in the flower and vegetable garden, or among trees. Per 8 oz., 50c.; \$1.00 per 24 oz.; gal., \$4.00.

Zenke's Insecticide. (See Insecticide.)

Zenoleum. A germicide and disinfectant. Endorsed by forty-four State Experiment Stations and Agricultural Colleges, and the leading live stock men of America. Zenoleum is a concentrated solution of coal tar. It mixes with hot or cold water. It will penetrate deeper and more rapidly than any other disinfectant. Per ½ pt., 35c.; 75c. per qt.; ½ gal., \$1.25; \$2.00 per gal.; 5 gal. can, \$9.50.

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20 ".....	" "	" "	No. 5	3.25
22 ".....	" "	" "	No. 4	3.50

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Ins.	Parcel Post Weight	per doz.	per 100.	per doz.	100	1000
2 1/4.....	3 ozs.	2 lbs.	\$0.15	\$0.80	\$5.08	
2 1/2.....	3 " "	" "	.20	.95	5.80	
3.....	5 " "	" "	.25	1.10	7.75	
3 1/2.....	7 " "	3 " "	.30	1.50	10.46	
4.....	8 " "	4 " "	.35	1.65	12.70	
5.....	15 " "	7 " "	.50	2.75	20.02	
6.....	2 lbs.	11 " "	.60	3.30	26.98	

AZALEA POTS

Diam.	Depth	Each	Doz.	100
5 in. 4 1/2 in.		\$0.09	\$0.87	\$5.76
6 " 5 " "		.14	1.30	8.64
7 " 6 " "		.23	2.16	14.40
8 " 7 " "		.33	3.12	20.80
9 " 7 1/2 " "		.50	4.80	32.00
10 " 8 " "		.68	6.48	43.20
12 " 10 " "		1.38	13.20	88.00

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Very shallow, for inside of fancy silver or porcelain ferneries.

Width	Depth	Each	Doz.	100
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8 " ".....	1.68	16.08	
10 " ".....	2.10	20.16	
12 " ".....	2.50	24.00	

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	Each	Doz.	100
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8 " ".....	.33	3.12	20.80
9 " ".....	.50	4.80	32.00
10 " ".....	.68	6.48	43.20
12 " ".....	1.38	13.20	88.00
14 " ".....	2.25	21.60	144.00

WOOD FIBRE FLOWER VASES

No.	Diam.	Depth	Weight	Each
0	8 in.	13 in.	4 lbs.	\$2.25
1	5 1/2 " "	10 " "	2 1/2 " "	2.00
2	4 1/2 " "	9 " "	1 1/2 " "	1.80
3	4 " "	6 " "	1 1/2 " "	1.60
4	3 " "	4 1/2 " "	3/4 " "	1.35
00	9 " "	21 " "	6 " "	7.00
11	5 " "	18 " "	4 " "	2.75
22	4 1/2 " "	15 " "	2 " "	3.00
33	4 " "	12 " "	2 " "	2.25
44	3 " "	9 " "	1 " "	2.00

VASES—Ideal Cut Flower (Galvanized)

No.	Depth	Diam.	Each
No. 1.....	6 1/2 in.	6 in.	\$0.75
No. 2.....	9 1/4 " "	8 " "	.90
No. 3.....	9 " "	7 3/4 " "	.90
No. 4.....	12 " "	9 1/4 " "	1.10
No. 5.....	9 " "	5 1/2 " "	.95
No. 6.....	11 " "	7 " "	1.00
No. 7.....	13 3/4 " "	8 1/4 " "	1.20
No. 8.....	19 " "	7 3/8 " "	1.50

EARTHEN FLOWER POTS

Height and Width inside	Each	Doz.	100	1000
1 inch.....	\$0.03	\$0.22	\$1.44	\$13.50
2 ".....	.02	.18	1.20	11.25
2 1/4 ".....	.03	.21	1.36	12.75
2 1/2 ".....	.03	.24	1.60	15.00
3 ".....	.04	.32	2.08	19.50
3 1/2 ".....	.04	.39	2.56	24.00
4 ".....	.05	.48	3.20	30.00
4 1/2 ".....	.07	.65	4.32	40.50
5 ".....	.09	.87	5.76	54.00
5 1/2 ".....	.12	1.08	7.20	67.50
6 ".....	.14	1.30	8.64	81.00
6 1/2 ".....	.18	1.73	11.52	108.00
7 ".....	.23	2.16	14.40	.....
8 ".....	.33	3.12	20.80	.....
9 ".....	.50	4.80	32.00	.....
10 ".....	.68	6.48	43.20	.....
11 ".....	1.00	9.60	64.00	.....
12 ".....	1.38	13.20	88.00	.....
14 ".....	2.25	21.60	144.00	.....

EUREKA POT HANGERS

15c. each; doz., \$1.50; \$10.00 per 100.

KRICK POT HANGERS

No.	Each	Doz.
No. 1.....	\$0.05	\$0.50
No. 2.....	.06	.60
No. 3.....	.07	.70

WOODEN ORCHID BASKETS (Square)

	Each	Doz.
4 inch.....	\$0.40	\$4.50
10 ".....	.70	7.00
12 ".....	.80	9.00

ORCHID PANS (Round) (Earthen)

	Each	Doz.
4 inches diam.....	\$0.20	\$2.00
6 " ".....	.30	3.25
8 " ".....	.40	4.25
10 " ".....	.65	7.25
12 " ".....	1.00	11.00

EARTHEN FERN PANS

Width	Height	Each	Doz.	100
4 in.	1 7/8 in.	\$0.08	\$0.72	\$4.80
4 3/4 " "	2 1/8 " "	.10	.96	6.40
5 1/2 " "	2 1/4 " "	.13	1.20	8.00
6 1/4 " "	2 1/2 " "	.15	1.44	9.60
7 " "	2 3/8 " "	.18	1.68	11.20
8 " "	3 " "	.25	2.40	16.00
9 " "	3 1/4 " "	.30	2.88	19.20

EARTHENWARE SAUCERS

	Each	Doz.	100
4 inches.....	\$0.04	\$0.36	\$2.40
5 ".....	.05	.48	3.20
6 ".....	.08	.72	4.80
7 ".....	.10	.96	6.40
8 ".....	.14	1.32	8.80
9 ".....	.19	1.80	12.00
10 ".....	.22	2.16	14.40
11 ".....	.28	2.64	17.60
12 ".....	.34	3.24	21.60
14 ".....	.56	5.40	36.00

WOOD FIBRE SAUCERS

Extremely desirable on account of being absolutely waterproof.

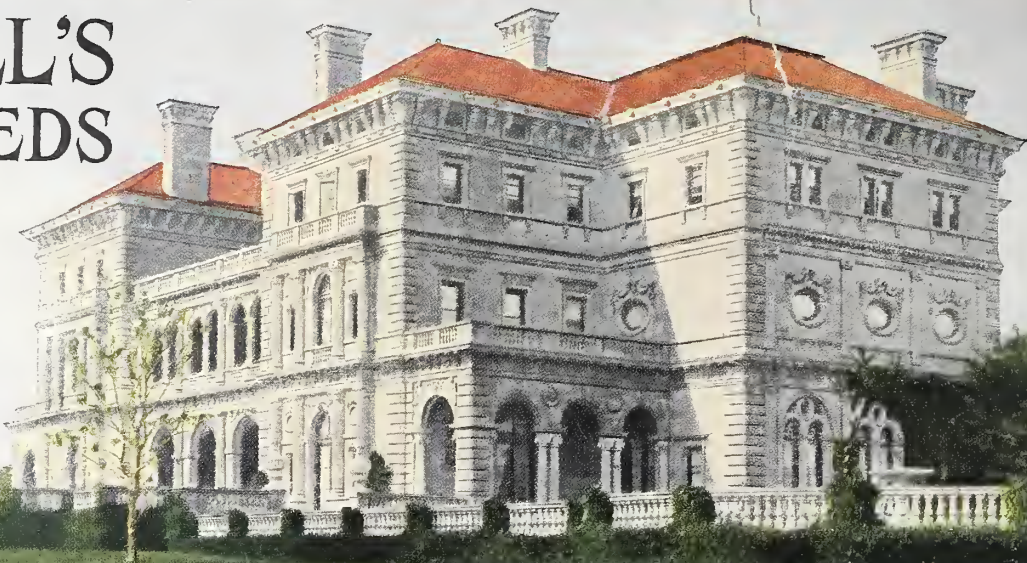
Parcel Post Weight	Each	Doz.
5 inches.....	1/4 lb.	\$0.50
6 ".....	1/4 " "	.55
7 ".....	1/2 " "	.60
8 ".....	1/2 " "	.65
9 ".....	3/4 " "	.70
10 ".....	3/4 " "	.75
12 ".....	1 1/4 lbs.	.80
14 ".....	1 1/2 " "	1.10
16 ".....	2 " "	1.75
18 ".....	2 1/2 " "	2.10
20 ".....	4 " "	3.00

Larger sizes can be furnished as complete rolling stands only.

NOTE.—Earthenware cannot be packed for shipment by Parcel Post.

All Prices subject to market changes.

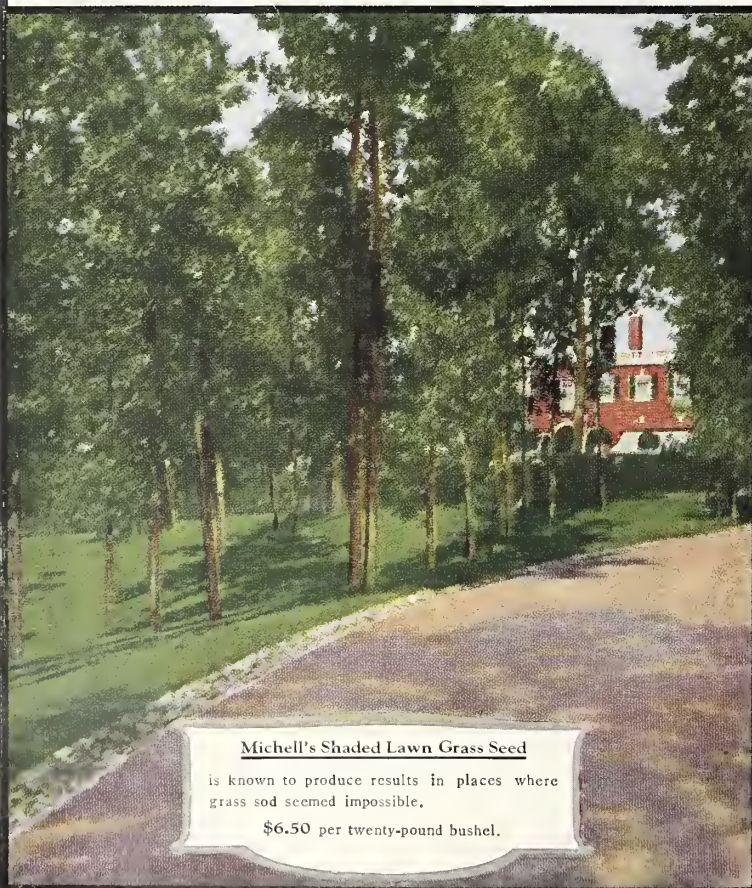
MICHELL'S GRASS SEEDS for Every Purpose



Michell's Green Velvet Grass Seed

is undoubtedly the best value at the price to be found anywhere. The formula is based on experience and tests and is being constantly improved where possible.
\$6.00 per twenty-pound bushel.

(Picture taken at Newport, R. I.)



Michell's Shaded Lawn Grass Seed

is known to produce results in places where grass sod seemed impossible.

\$6.50 per twenty-pound bushel.



Michell's Seashore Grass Seed

thrives under a variety of seashore conditions, which usually are hard to meet with the ordinary mixtures of grass seed.

\$6.50 per 20-lb. bushel.

(Picture taken on North Side of Long Island)

HENRY F. MICHELL CO. 516-518 MARKET ST. PHILADELPHIA, PA.